

## Recombinant Human UBE2A Protein

| Catalog #                                                                                                                                                                                                                                                                                                                             | Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Reactivity | Applications        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------|
| CRP2472                                                                                                                                                                                                                                                                                                                               | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | H          | E, WB, SDS-PAGE, MS |
| Description                                                                                                                                                                                                                                                                                                                           | Recombinant Human UBE2A Protein is produced by E.coli expression system and the target gene encoding Met1-Cys152 is expressed with a GST, 6His tag at the N-terminus.                                                                                                                                                                                                                                                                                                                                           |            |                     |
| Form                                                                                                                                                                                                                                                                                                                                  | Liquid in a 0.2 μM filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                     |
| Gene Symbol                                                                                                                                                                                                                                                                                                                           | UBE2A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |            |                     |
| Alternative Names                                                                                                                                                                                                                                                                                                                     | RAD6A; Ubiquitin-conjugating enzyme E2 A; RAD6 homolog A; HR6A; hHR6A; Ubiquitin carrier protein A; Ubiquitin-protein ligase A                                                                                                                                                                                                                                                                                                                                                                                  |            |                     |
| Entrez Gene                                                                                                                                                                                                                                                                                                                           | 7319 (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |                     |
| SwissProt                                                                                                                                                                                                                                                                                                                             | P49459 (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |                     |
| Purity                                                                                                                                                                                                                                                                                                                                | Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |                     |
| Chemical Structure                                                                                                                                                                                                                                                                                                                    | MSPILGYWKI KGLVQPTRLI LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID<br>GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV<br>DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK<br>KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD GSTSGSGHHH HHHSAGLVPR<br>GSTAIGMKET AAKFERQHM DSPDLGTGGG SGDDDDKSPM GSTPARRRLM<br>RDFKRLQEDP PAGVSGAPSE NNIMVWNAVI FGPEGTPFED GTFKLTIEFT EEYPNKPPTV<br>RFVSKMFHPN VYADGSICLD ILQNRWSPTY DVSSILTSIQ SLLDEPNPNS PANSQAAQLY<br>QENKREYEKR VSAIVEQSWR DC |            |                     |
| Quality Control                                                                                                                                                                                                                                                                                                                       | Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.                                                                                                                                                                                                                                                                                                                                                                                                                                            |            |                     |
| Directions for Use                                                                                                                                                                                                                                                                                                                    | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not                                                                                                                                                                                                                                                                                                                                                                                                                            |            |                     |
| Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                     |
| Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |            |                     |

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## Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

### Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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