

Product Data Sheet

Recombinant Human OTUB2 Protein

Catalog #	Source	Reactivity	Applications
CRP2047	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human OTUB2 Protein is produced by E.coli expression system and the target gene encoding Met1-His234 is expressed with a GST tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, pH 7.5		
Gene Symbol	OTUB2		
Alternative Names	C14orf137; OTB2; OTU2; Ubiquitin thioesterase OTUB2; Deubiquitinating enzyme OTUB2; OTU domain-containing ubiquitin aldehyde-binding protein 2; Otubain-2; Ubiquitin-specific-processing protease OTUB2		
Entrez Gene	78990 (Human)		
SwissProt	Q96DC9 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MSPILGYWKI KGLVQPTRL LLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSHMSE TSFNLISEKC DILSILRDHP ENRIYRRKIE ELSKRFTAIR KTKGDGNCFY RALGYSYLES LLGKSREIFK FKERVLQTPN DLLAAGFEEH KFRNFFNAFY SVVELVEKD GSVSSLLKVFN DQSASDHIVQ FLRLTSAFI RNRADFFRHF IDEEMDIKDF CTHEVEPMAT ECDHIQITAL SQALSIALQV EYVDEMDTAL NHHVFPEAAT PSVYLLYKTS HYNILYAADK H		
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 recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot		

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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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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