

Product Data Sheet

Recombinant Human UBA5 Protein

Catalog #	Source	Reactivity	Applications
CRP2469	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human UBA5 Protein is produced by E. coli expression system and the target gene encoding Met1-Met404 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 1mM DTT, 10% glycerol, 50mM NaCl, pH 8.0.		
Gene Symbol	UBA5		
Alternative Names	UBE1DC1; Ubiquitin-like modifier-activating enzyme 5; Ubiquitin-activating enzyme 5; ThiFP1; UFM1-activating enzyme; Ubiquitin-activating enzyme E1 domain-containing protein 1		
Entrez Gene	79876 (Human)		
SwissProt	Q9GZZ9 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MAESVERLQQ RVQELERELA QERSLQVPRS GDGGGGRRVRI EKMSSEVVDS NPYSRLMALK RMGIVSDYEK IRTFAVAIVG VGGVGSVTAE MLTRCGIGKL LLFDYDKVEL ANMNRLFFQP HQAGLSKVQA AEHTLRNINP DVLFEVHNYN ITTVENFQHF MDRISNGGLE EGKPVDLVLS CVDNFEARMT INTACNELGQ TWMESGVSEN AVSGHIQLII PGESACFACA PPLVVAANID EKTLKREGVC AASLPTTMGV VAGILVQNVL KFLNFGTVS FYLGYNAMQD FFPTMSMKPN PQCDDRNCRK QQEEYKKKVA ALPKQEVIQE EEEEIHEDNE WGIELVSEVS EEELKNFSGP VPDLPegITV AYTIKKQED SVTELTVEDS GESLEDLMAK MKNM		
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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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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