

Recombinant Human UBA5 Protein

Catalog #	Source	Reactivity	Applications
CRP2469	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human UBA5 Protein is produced by our 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	<p>MGSSHHHHHH SSGLVPRGSH MAESVERLQQ RVQELERELA QERSLQVPRS</p> <p>GDGGGGRRVRI EKMSSEVVDS NPYSRLMALK RMGIVSDYEK IRTFAVAIVG VGGVGSVTAE</p> <p>MLTRCGIGKL LLDYDKVEL ANMNRLFFQP HQAGLSKVQA AEHTLRNINP DVLFEVHNYN</p> <p>ITTVENFQHF MDRISNGGLE EGKPVLDVLS CVDNFEARMT INTACNELGQ TWMESGVSEN</p> <p>AVSGHIQLII PGESACFACA PPLVVAANID EKTLKREGVC AASLPTTMGV VAGILVQNVL</p> <p>KFLLNFGTVS FYLGYNAMQD FFPTMSMKPN PQDDRNCRK QQEYKKKVA ALPKQEVIQE</p> <p>EEEEIHEDNE WGIELVSEVS EEELKNFSGP VPDLPPEGITV AYTIPKKQED SVTELTVEDS</p> <p>GESLEDLMAK MKNM</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
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

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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