

Recombinant Human UBE2D1 Protein

Catalog #	Source	Reactivity	Applications
CRP2477	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human UBE2D1 Protein is produced by our E. coli expression system and the target gene encoding Met1-Met147 is expressed with a GST tag at the N-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerin pH 7.5.		
Gene Symbol	UBE2D1		
Alternative Names	SFT; UBC5A; UBCH5; UBCH5A; Ubiquitin-conjugating enzyme E2 D1; Stimulator of Fe transport; SFT; UBC4/5 homolog; Ubch5; Ubiquitin carrier protein D1; Ubiquitin-conjugating enzyme E2(17)KB 1; Ubiquitin-conjugating enzyme E2-17 kDa 1; Ubiquitin-protein ligas		
Entrez Gene	7321 (Human)		
SwissProt	P51668 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID</p> <p>GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV</p> <p>DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK</p> <p>KRIEAIPIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMALK RIQKELSDLQ</p> <p>RDPPAHCSAG PVGDDLFHWQ ATIMGPPDSA YQGGVFFLTV HFPTDYPFKP PKIAFTTKIY</p> <p>HPNINSNGSI CLDILRSQWS PALTVSKVLL SICSLLCDPN PDDPLVPDIA QIYKSDKEY</p> <p>NRHAREWTQK YAM</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. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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