

## Recombinant Human UBE2D1 Protein (A2-M147), Tag Free

Cat. No. UBE2D1-0040H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human (GG)-UB2D1(A2-M147 end) Protein was expressed in Insect cell.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	A2-M147
<b>Description</b>	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-linked polyubiquitination. Mediates the selective degradation of short-lived and abnormal proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Mediates ubiquitination of PEX5 and auto-ubiquitination of STUB1, TRAF6 and TRIM63/MURF1. Ubiquitinates STUB1-associated HSP90AB1 in vitro. Lacks inherent specificity for any particular lysine residue of ubiquitin. Essential for viral activation of IRF3. Mediates polyubiquitination of CYP3A4.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	95%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 1 mM DTT, 5% glycerol.
<b>Shipping</b>	It is shipped out with blue ice.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	UBE2D1 ubiquitin-conjugating enzyme E2D 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	UBE2D1
<b>Synonyms</b>	UBE2D1; ubiquitin-conjugating enzyme E2D 1; SFT, stimulator of Fe transport, ubiquitin conjugating enzyme E2D 1 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2 D1; E2(17)KB1; UBC4/5; UBCH5; Ubch5A; UBC4/5 homolog; stimulator of Fe transport; ubiquitin-protein ligase D1; ubiquitin carrier protein D1; ubiquitin-conjugating enzyme E2(17)KB 1; ubiquitin-conjugating enzyme E2-17 kDa 1; ubiquitin-conjugating enzyme E2D 1 (UBC4/5 homolog, yeast); SFT; UBCH5A;
<b>Gene ID</b>	7321
<b>mRNA Refseq</b>	NM_001204880
<b>Protein Refseq</b>	NP_001191809
<b>MIM</b>	602961
<b>UniProt ID</b>	P51668

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