

Product datasheet for **TP500998**

Ube2d1 (NM_145420) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ubiquitin-conjugating enzyme E2D 1 (Ube2d1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200998 protein sequence Red =Cloning site Green =Tags(s)
	<p>MALKRIQKELSDLQRDPPAHCSAGPVGDDLFWQATIMGPPDSAYQGGVFFLTVHFPTDYPFKPPKIAFT TKIYHPNINSNGSICLDILRSQWSPALTVSKVLLSICLLCDPNPDDPLVPDIAQIYKSDKEKYNRHARE WTQKYAM</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	16.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_663395</u>
Locus ID:	216080
UniProt ID:	<u>P61080</u> , <u>Q3UFQ4</u>
RefSeq Size:	1448
Cytogenetics:	10 B5.3



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RefSeq ORF: 444

Synonyms: UBCH5

Summary: 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.[UniProtKB/Swiss-Prot Function]