

Product datasheet for TP313180L

UFD1 (NM_001035247) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin fusion degradation 1 like (yeast) (UFD1L), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213180 representing NM_001035247 Red =Cloning site Green =Tags(s)

MFSFNMFDPHPIRVFQNRSTQYRCFSVSMLAGPNDRSDVEKGGKSRLNITYPMLFKLTNKNSDRMTHCG
VLEFVADEGICYLPHWMMQNLLLEEGGLVQVESVNLQVATYSKFQPPDFLDITNPKAVLENALRNAC
LTTGDVIAINYNEKIYELRVMETKPKAVSIIECDMNVDAPLGYKEPERQVQHEESTEGEADHSGYAG
ELGFRAFSGSGNRLDGKKKGVEPSPSPIKPGDIKRGIPNYEFKLGKITFIRNSRPLVKKVEEDEAGGRFV
AFSGEGQSLRKKGRKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	29.7 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_001030324</u>
Locus ID:	7353



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UniProt ID: [Q92890](#)

RefSeq Size: 1501

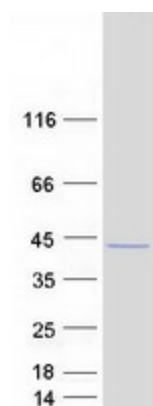
Cytogenetics: 22q11.21

RefSeq ORF: 888

Synonyms: UFD1L

Summary: The protein encoded by this gene forms a complex with two other proteins, nuclear protein localization-4 and valosin-containing protein, and this complex is necessary for the degradation of ubiquitinated proteins. In addition, this complex controls the disassembly of the mitotic spindle and the formation of a closed nuclear envelope after mitosis. Mutations in this gene have been associated with Catch 22 syndrome as well as cardiac and craniofacial defects. Alternative splicing results in multiple transcript variants encoding different isoforms. A related pseudogene has been identified on chromosome 18. [provided by RefSeq, Jun 2009]

Product images:



Coomassie blue staining of purified UFD1 protein (Cat# [TP313180]). The protein was produced from HEK293T cells transfected with UFD1 cDNA clone (Cat# [RC213180]) using MegaTran 2.0 (Cat# [TT210002]).