

## Product datasheet for PH313180

### UFD1 (NM\_001035247) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UFD1L MS Standard C13 and N15-labeled recombinant protein (NP_001030324)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213180
Predicted MW:	33.32 kDa
Protein Sequence:	>RC213180 representing NM_001035247 Red=Cloning site Green=Tags(s)  MFSFNMFDPHPIPRVFQNRSTQYRCFSVSMLAGPNDRSDVEKGGKSRNLNITYPMLFKLTNKNSDRMTHCG VLEFVADEGICYLPHWMMQNLLLEEGGLVQVESVNLQVATYSKFQPQSPDFLDITNPKAVLENALRNFAC LTTGDVIAINYNEKIYELRVMETKPKAVSIIIECDMNVDFDAPLGYKEPERQVQHEESTEGEADHSGYAG ELGFRAFSGSGNRLDGKKKGVEPSPSPIKPGDIKRGIPNYEFKLGKITFIRNSRPLVKKVEEDEAGGRFV AFSGEGQSLRKKGRKP  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001030324</a>
RefSeq Size:	1501
RefSeq ORF:	888
Synonyms:	UFD1L
Locus ID:	7353



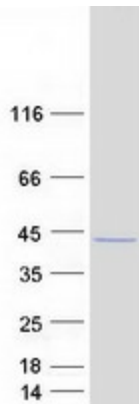
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UniProt ID: [Q92890](#)

Cytogenetics: 22q11.21

**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]).