

Recombinant Human UFD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UFD1-2345H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UFD1L MS Standard C13 and N15-labeled recombinant protein (NP_001030324) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	33.32 kDa
AA Sequence	MFSFNMFDHPIPRVFQNRFSSTQYRCFSVSMLAGPNDRSDVEKGGKSRLNITYPMLF KLTNKNSDRMTHCGVLEFVADEGICYLPHWMMQNLLLEEGGLVQVESVNLQVATYS KFQPQSPDFLDITNPKAVLENALRNFACLTTGDVIAINYNEKIYELRVMETKPKDKAVSII ECDMNVDFDAPLGYPEPERQVQHEESTEGEADHSGYAGELGFRAFSGSGNRLDG KKKGVEPSPSPIKPGDIKRGIPNYEFKLGKITFIRNSRPLVKKVEEDEAGGRFVAFSG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EGQSLRKKGRKPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	UFD1 ubiquitin recognition factor in ER associated degradation 1 [Homo sapiens (human)]
Official Symbol	UFD1
Synonyms	UFD1; ubiquitin recognition factor in ER associated degradation 1; UFD1L; ubiquitin recognition factor in ER-associated degradation protein 1; UB fusion protein 1; ubiquitin fusion degradation 1 like; ubiquitin fusion degradation protein 1 homolog
Gene ID	7353
mRNA Refseq	NM_001035247
Protein Refseq	NP_001030324
MIM	601754

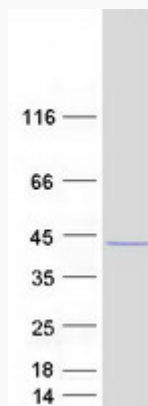
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UniProt ID

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