9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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UFD1L Human

Ubiquitin Fusion Degradation 1 Like Human Recombinant
RCP2504

Product Overview

Name	UFD1L Human
Description	
Ubiquitin Fusion Degradation 1 Like Human Recombinant	
Accession (Primary)	Q92890
Synonyms	
Ubiquitin Fusion Degradation 1 Like (Yeast), UB Fusion Protein 1, Ubiquitin Fusion Degradation Protein 1 Homolog, UFD1.	
Introduction	
UFD1L 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The UFD1L solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 30% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MFSFNMF DHPIPRVFQN RFSTQYRCFS VSMLAGPNDR SDVEKGGKII MPPSALDQLS RLNITYPMLF KLTNKNSDRM THCGVLEFVA DEGICYLPHW MMQNLLLEEG GLVQVESVNL QVATYSKFQP QSPDFLDITN PKAVLENALR NFACLTTGDV IAINYNEKIY ELRVMETKPD KAVSIIECDM	

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NVDFDAPLGY KEPERQVQHE ESTEGEADHS GYAGELGFRA FSGSGNRLDG KKKGVEPSPS PIKPGDIKRG IPNYEFKLGK ITFIRNSRPL VKKVEEDEAG GRFVAFSGEG QSLRKKGRKP

Precautions

UFD1L Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q92890)