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32-5185: Recombinant Human Ubiquitin Fusion Degradation 1 Like

Alternative Name : Ubiquitin Fusion Degradation 1 Like (Yeast),UB Fusion Protein 1,Ubiquitin Fusion Degradation Protein 1 Homolog,UFD1.

Description

Source : Escherichia Coli. UFD1L Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 330 amino acids (1-307) and having a molecular mass of 36.9kDa.UFD1L is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The UFD1L solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 30% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMFSFNMF DHPIPRVFQN RFSTQYRCFS VSMLAGPNDR SDVEKGGKII MPPSALDQLS RLNITYPMLF KLTNKNSDRM THCGVLEFVA DEGICYLPHW MMQNLLLEEG GLVQVESVNL QVATYSKFQP QSPDFLDITN PKAVLENALR NFACLTTGDV IAINYNEKIY ELRVMETKPD KAVSIIECDM NVDFDAPLGY KEPERQVQHE ESTEGEADHS GYAGELGFRA FSGSGNRLDG KKKGVEPSPS PIKPGDIKRG IPNYEFKLGK ITFIRNSRPL VKKVEEDEAG GRFVAFSGEG QSLRKKGRKP