
Product Data Sheet

Product Name: UFD1L Human

Cat. No.: GP24948

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ubiquitin Fusion Degradation 1 Like (Yeast); UB Fusion Protein 1; Ubiquitin Fusion Degradation Protein 1 Homolog; UFD1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMFSFNMF DHPIPRVFQN RFSTQYRCFS VSMLAGPNDR SDVEKGGKII MPPSALDQLS RLNITYPMLF KLTKNSDRM THCGVLEFVA DEGICYLPHW MMQNLLLEEG GLVQVESVNL QVATYSKFQP QSPDFLDITN PKAVLENALR NFACLTTGDV IAINYNEKIY ELRVMETKPD KAVSIIECDM NVDFDAPLGY KEPERQVQHE ESTEGEADHS GYAGELGFRA FSGSGNRLDG KKKGVPEPSPIKPGDIKRG IPNYEFKLGK ITFIRNSRPL VKKVEEDEAG GRFVAFSGEG QSLRKKGRKP		
Formulation	The UFD1L solution contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 30% glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

UFD1L Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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chain containing 330 amino acids (1-307) and having a molecular mass of 36.9kDa.

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