

Recombinant Human UFM1, His-tagged

Cat. No. UFM1-61H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UFM1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	UFM1 is a ubiquitin-like protein that is conjugated to target proteins by E1-like activating enzyme UBA5 and E2-like conjugating enzyme UFC1 in a manner analogous to ubiquitylation. It localizes primarily to the nucleus, but is also present in diffuse amounts in the cytoplasm. This protein is expressed in a variety of tissues, including kidney, brain, heart, liver and lung.
Form	Liquid. In 20mM Tris buffer(pH 8.0) containing 10% glycerol.
Molecular Weight	11.1 kDa (103aa), confirmed by MALDI-TOF
Purity	> 95 % by SDS - PAGE
Concentration	1 mg/ml (determined by BCA assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MSKVSFKITL TSDPRLPYKV LSVPESTPFT AVLKFAAEFF KVPAATSAIL TNDGIGINPA QTAGNVFLKH GSELRIIPRD RVG
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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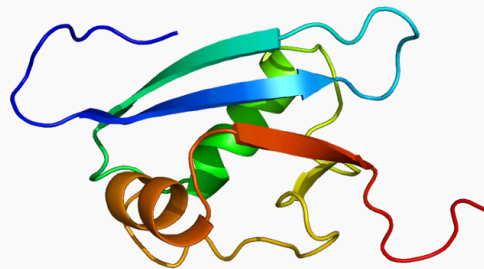
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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	UFM1 ubiquitin-fold modifier 1 [Homo sapiens]
Synonyms	ubiquitin-fold modifier 1; BM-002; C13orf20; bA131P10.1; UFM1; OTTHUMP00000018801
Gene ID	51569
mRNA Refseq	NM_016617
Protein Refseq	NP_057701
MIM	610553
UniProt ID	P61960
Chromosome Location	13q13.3
Function	protein binding

PDBrendering based on 1j0g.



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