

uFM1 recombinant protein

uFM1, 1-83aa, Human, His tag, E Coli

CATALOG # AAA48668	HOST E Coli	APPLICATIONS SDS-Page
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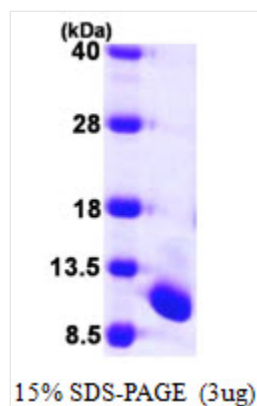
PRODUCT SYNONYMS

uFM1; 1-83aa; Human; His tag; E Coli; ubiquitin-fold modifier 1; bA131P10.1; BM-002; C13orf20; uFM1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris buffer (pH 8.0) containing 10% glycerol.
Concentration	1 mg/ml (determined by BCA assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MSKVSFKITL TSDPRLPYKV LSVPESTPFT AVLKFAAEF KVPAATSAII TNDGIGINPA QTAGNVFLKH GSELRIIPRD RVG
Sequence Length	85
Applicable Applications for uFM1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for uFM1 recombinant protein	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. Recombinant human uFM1 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for uFM1 recombinant protein	Ubiquitination
References	Sasakawa H., et al. (2006) Biochem Biophys Res Commun. 343 (1):21-6. ; Komatsu M., et al. (2004) EMBO J. 23 (9):1977-86.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705300
NCBI GeneID	51569
NCBI Accession #	NP_057701
NCBI GenBank Nucleotide #	NM_016617.3
UniProt Accession #	P61960; Q14346; Q5VXS0; Q6IAG6; Q9CPX2; Q9NZF2
Molecular Weight	11.1 kDa (103aa), confirmed by MALDI-TOF
NCBI Official Full Name	ubiquitin-fold modifier 1 isoform 1
NCBI Official Synonym Full Names	ubiquitin fold modifier 1
NCBI Official Symbol	UFM1
NCBI Official Synonym Symbols	BM-002; C13orf20
NCBI Protein Information	ubiquitin-fold modifier 1
UniProt Protein Name	Ubiquitin-fold modifier 1
UniProt Gene Name	UFM1
UniProt Synonym Gene Names	C13orf20

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.