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32-5186: Recombinant Human Ubiquitin-Fold Modifier 1

Alternative Name : Ubiquitin-fold modifier 1,UFM1,C13orf20,BM-002,bA131P10.1.

Description

Source : Escherichia Coli. UFM1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 103 amino acids (1-83 a.a) and having a molecular mass of 11.1kDa. The UFM1 is purified by proprietary chromatographic techniques. UFM1 is a ubiquitin-like protein which is conjugated to target proteins by E1-like activating enzyme UBA5 and E2-like conjugating enzyme UFC1 in a manner equivalent to ubiquitylation. UFM1 localizes principally to the nucleus, but is also present in diffuse amounts in the cytoplasm. UFM1 is expressed in a variety of tissues, including kidney, brain, heart, liver and lung.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The UFM1 solution (1 mg/ml) 20mM Tris buffer (pH 8.0) and 10% 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 MSKVSFKITL TSDPRLPYKV LSVPESTPFT AVLKFAAEEF KVPAATSAII TNDGIGINPA QTAGNVFLKH GSELRIIPRD RVG.

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