

Active Recombinant Human UFM1 Protein, His-tagged

Cat. No. UFM1-701H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UFM1 (Accession # NP_057701), fused with an N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	Supplied as a solution in HEPES, NaCl, DTT and Glycerol.
Bio-activity	Recombinant Human His6-Pro UFM1 can be conjugated to substrate proteins via the subsequent actions of a UFM1-activating (E1) enzyme, a UFM1-conjugating (E2) enzyme, and a UFM1 ligase (E3). Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-Pro UFM1 concentration of 10-50 μ M.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	UFM1 ubiquitin-fold modifier 1 [Homo sapiens]
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Official Symbol	UFM1
Synonyms	UFM1; ubiquitin-fold modifier 1; C13orf20, chromosome 13 open reading frame 20; bA131P10.1; BM-002; C13orf20;
Gene ID	51569
mRNA Refseq	NM_016617
Protein Refseq	NP_057701
MIM	610553
UniProt ID	P61960
Chromosome Location	13q13.3

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