

# Active Recombinant Human UFM1

Cat. No. UFM1-703H    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human UFM1 (Accession # NP_057701), fused with , was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	X mg/ml (X $\mu$ M) in 50mM Hepes pH 7.5, 100mM NaCl. Actual concentration varies with lot number
<b>Bio-activity</b>	Recombinant Human Ufm1 Rhodamine is ideal for use in assays requiring fluorescent detection. Optimal fluorescence at pH 8.0 is monitored with an excitation wavelength of 570 nM and an emission wavelength of 590 nM. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human Ufm1 Rhodamine concentration of 0.1-1 $\mu$ M.
<b>Purity</b>	>95%, by PAGE.
<b>Storage</b>	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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<b>Official Symbol</b>	UFM1
<b>Synonyms</b>	UFM1; ubiquitin-fold modifier 1; C13orf20, chromosome 13 open reading frame 20; bA131P10.1; BM-002; C13orf20;
<b>Gene ID</b>	<a href="#">51569</a>
<b>mRNA Refseq</b>	<a href="#">NM_016617</a>
<b>Protein Refseq</b>	<a href="#">NP_057701</a>
<b>MIM</b>	<a href="#">610553</a>
<b>UniProt ID</b>	P61960
<b>Chromosome Location</b>	13q13.3

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