

## Active Recombinant Mouse MMP8 protein, His-tagged

Cat. No. MMP8-1867M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse MMP8 protein(Phe 21 - Ser 465), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Phe 21 - Ser 465
<b>Form</b>	Supplied as 0.2 µm filtered solution in 20 mM MES, 150 mM NaCl, pH6.0 with trehalose as protectant.
<b>Bio-activity</b>	Measured by its ability to cleave a fluorogenic peptide substrate Mca-KPLGL-Dpa-AR-NH <sub>2</sub> , The specific activity is >400 pmol/min/µg.
<b>Molecular Mass</b>	52.7 Kda
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

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This product is stable after storage at:  
-20°C to -70°C for 12 months in lyophilized state;  
-70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [Mmp8 matrix metalloproteinase 8 \[ Mus musculus \]](#)

**Official Symbol** [MMP8](#)

**Synonyms** MMP8; matrix metalloproteinase 8; neutrophil collagenase; MMP-8; collagenase 2; collagenase-2; matrix metalloproteinase 8; matrix metalloproteinase-8; BB138268;

**Gene ID** [17394](#)

**mRNA Refseq** [NM\\_008611](#)

**Protein Refseq** [NP\\_032637](#)

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