

Active Recombinant Mouse MMP8 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse MMP8 protein(Phe 21 - Ser 465), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Phe 21 - Ser 465
Form	Supplied as 0.2 µm filtered solution in 20 mM MES,150 mM NaCl, pH6.0 with trehalose as protectant.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-KPLGL-Dpa-AR-NH ₂ , The specific activity is >400 pmol/min/µg.
Molecular Mass	52.7 Kda
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	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 metallopeptidase 8 \[Mus musculus \]](#)

Official Symbol [MMP8](#)

Synonyms MMP8; matrix metallopeptidase 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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