

## Active Recombinant Mouse Mmp8 Protein, His-tagged

Cat. No. Mmp8-610M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mmp8 (Accession # NP_032637) Phe21-Ser465, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Phe21-Ser465
<b>Predicted N Terminal</b>	Phe21 & Leu27
<b>Form</b>	Supplied as a 0.2 µ filtered solution in MES, NaCl, CaCl <sub>2</sub> and Brij-35.
<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/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Mmp8, His-tagged has a calculated MW of 52 kDa and 51 kDa. In SDS-PAGE migrates as 60-65 kDa doublet, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<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).

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**GENE INFORMATION**

<b>Gene Name</b>	Mmp8 matrix metallopeptidase 8 [ Mus musculus ]
<b>Official Symbol</b>	Mmp8
<b>Synonyms</b>	MMP8; matrix metallopeptidase 8; neutrophil collagenase; MMP-8; collagenase 2; collagenase-2; matrix metalloproteinase 8; matrix metalloproteinase-8; BB138268;
<b>Gene ID</b>	17394
<b>mRNA Refseq</b>	NM_008611
<b>Protein Refseq</b>	NP_032637
<b>MIM</b>	

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