

Active Recombinant Mouse Mmp8 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	Phe21-Ser465
Predicted N Terminal	Phe21 & Leu27
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl, CaCl ₂ and Brij-35.
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, as measured under the described conditions.
Molecular Mass	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.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver 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).

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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
MIM	

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