

Active Recombinant Mouse Mmp7

Cat. No. Mmp7-203M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mmp7 (Accession # AAA99983) Met1-Leu264 was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	1-264 a.a.
Predicted N Terminal	Leu18
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl, CaCl ₂ and Glycerol.
Bio-activity	Measured by its ability to cleave a fluorogenic peptide substrate Mca-KPLGL-Dpa-AR-NH ₂ . The specific activity is >900 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Mmp7 has a calculated MW of 28 kDa. In SDS-PAGE migrates as 31 kDa, reducing conditions.
Purity	>90%, 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	Mmp7 matrix metallopeptidase 7 [Mus musculus]
Official Symbol	Mmp7
Synonyms	MMP7; matrix metallopeptidase 7; matrilysin; MMP-7; matrin; pump-1 protease; matrilysin, uterine; uterine metalloproteinase; matrix metalloproteinase 7; matrix metalloproteinase-7; MAT;
Gene ID	17393
mRNA Refseq	NM_010810
Protein Refseq	NP_034940
MIM	

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