

## Active Recombinant Mouse Mmp12

**Cat. No.** Mmp12-534M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Mmp12 (Accession # EDL24933) Ala18-Cys462 was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	18-462 a.a.
<b>Predicted N Terminal</b>	Ala18
<b>Form</b>	Supplied as a 0.2 µ filtered solution in MES, NaCl and CaCl <sub>2</sub> .
<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 >100 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse Mmp12 has a calculated MW of 52 kDa. In SDS-PAGE migrates as 60 kDa, 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>	Mmp12 matrix metallopeptidase 12 [ Mus musculus ]
<b>Official Symbol</b>	Mmp12
<b>Synonyms</b>	MMP12; matrix metallopeptidase 12; macrophage metalloelastase; MME; MMP-12; macrophage elastase; macrophage-metalloelastase; matrix metalloproteinase 12; matrix metalloproteinase-12; Mmel; AV378681;
<b>Gene ID</b>	17381
<b>mRNA Refseq</b>	NM_008605
<b>Protein Refseq</b>	NP_032631
<b>MIM</b>	

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