

Recombinant Mouse MmP8 protein(Phe21-Ser465)

Cat. No. MmP8-1187M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MMP8 (NP_032637.3) (Phe 21-Ser 465) was expressed and purified in HEK293, with an initial Met at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	21-465 a.a.
Form	Lyophilized from sterile 50 mM Tris, 50 mM NaCl, 10 mM CaCl ₂ , 0.05 % Brij 35, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse MMP8 consisting of 446 amino acids and has a calculated molecular mass of 52 kDa. It migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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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