

## Recombinant Mouse MmP8 protein(Phe21-Ser465)

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse MMP8 (NP_032637.3) (Phe 21-Ser 465) was expressed and purified in HEK293, with an initial Met at the N-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	21-465 a.a.
<b>Form</b>	Lyophilized from sterile 50 mM Tris, 50 mM NaCl, 10 mM CaCl <sub>2</sub> , 0.05 % Brij 35, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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 metalloproteinase 8 \[ Mus musculus \]](#)

**Official Symbol** [MmP8](#)

**Synonyms** MMP8; matrix metalloproteinase 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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