

Recombinant Rat Mmp8 protein, His & T7-tagged

Cat. No. Mmp8-750R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp8 aa. (Leu212~Arg451 (Accession # O88766)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu212~Arg451
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

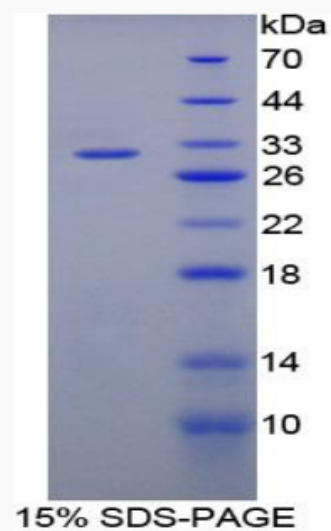
Gene Name	Mmp8 matrix metalloproteinase 8 [Rattus norvegicus (Norway rat)]
Official Symbol	Mmp8
Synonyms	MMP-8; matrix metalloproteinase-8; neutrophil collagenase; neutrophil collagenase
Gene ID	63849
mRNA Refseq	NM_022221.1
Protein Refseq	NP_071557.1
UniProt ID	O88766

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SDS-PAGE



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