

Recombinant Rat Mmp3 protein, His-tagged

Cat. No. Mmp3-745R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp3 aa. (Asn278~Gly450) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn278~Gly450
Form	Freeze-dried powder
Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Mmp3 matrix metallopeptidase 3 [Rattus norvegicus (Norway rat)]
Official Symbol	Mmp3
Synonyms	MMP-3; PTR1 protein; SL-1; matrix metalloproteinase-3; transin-1; stromelysin-1
Gene ID	171045
mRNA Refseq	NM_133523.3
Protein Refseq	NP_598207.2

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