

Recombinant Rat Mmp7 protein, His & T7-tagged

Cat. No. Mmp7-749R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp7 aa. (Met1~Leu267 (Accession # P50280)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Leu267
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.7.
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	Mmp7 matrix metalloproteinase 7 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Mmp7
Synonyms	MPMM; MMP-7; Matrix metalloproteinase 7 (matrilysin); matrin; matrix metalloproteinase-7; pump-1 protease; uterine metalloproteinase; matrilysin
Gene ID	25335
mRNA Refseq	NM_012864.2
Protein Refseq	NP_036996.1
UniProt ID	P50280

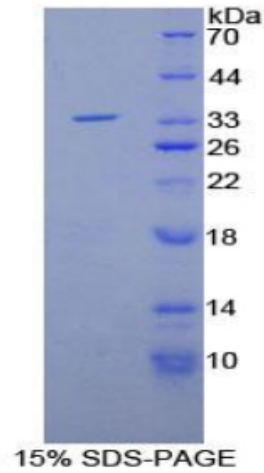
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SDS-PAGE



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