

Recombinant Rat Mmp12 Protein, His-tagged

Cat. No. Mmp12-602R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Mmp12(Val20~Arg99) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Val20~Arg99
Description	Mmp12 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	10.5kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others

GENE INFORMATION

Gene Name

[Mmp12 matrix metalloproteinase 12 \[Rattus norvegicus \]](#)

Official Symbol

[Mmp12](#)

Synonyms

MMP12; matrix metalloproteinase 12; macrophage metalloelastase; MMP-12; matrix metalloproteinase 12; matrix metalloproteinase-12; Mme;

Gene ID

[117033](#)

mRNA Refseq

[NM_053963](#)

Protein Refseq

[NP_446415](#)

UniProt ID

[Q63341](#)

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