

Recombinant Rat MMP7 Protein (98-267 aa), His-tagged

Cat. No. MMP7-1458R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat MMP7 Protein (98-267 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	Yeast
ProteinLength	98-267 aa
Description	Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	20.9 kDa
AA Sequence	FSLMPNSPKWHSRTVTYRIVSYTTDLPRFLVDQIVKRALRMWSMQIPLNFKRVSWG TADIIIGFARGDHDGDNFPFDGPGNTLGHAFAFGPGLGGDAHFDKDEYWTGDGDSGV NFLFVATHELGHSLGLGHSSVPSSVMYPTYQGDHSEDFSLTKDDIAGIQKLYGKRNL
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name

[Mmp7 matrix metalloproteinase 7 \[Rattus norvegicus \]](#)

Official Symbol

[MMP7](#)

Synonyms

MMP7; matrilysin; MMP-7; matrin; pump-1 protease; MPMM;

Gene ID

[25335](#)

mRNA Refseq

[NM_012864](#)

Protein Refseq

[NP_036996](#)

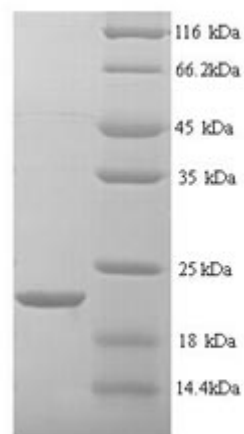
UniProt ID

[P50280](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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