

# Recombinant rat Matrilysin

Catalog No: #AP72674

Package Size: #AP72674-1 20ug #AP72674-2 100ug #AP72674-3 1mg

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## Description

Product Name	Recombinant rat Matrilysin
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:98-267aaSequence Info:Full Length
Other Names	Matrin;Matrix metalloproteinase-7 ;MMP-7Pump-1 proteaseUterine metalloproteinase
Accession No.	P50280
Uniprot	P50280
GeneID	25335;
Calculated MW	20.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	FSLMPNSPKWHSRTVTYRIVSYTTDLPRFLVDQIVKRALRMWSMQIPLNFKRVSWGTAIIIIGFARGDHGDNFP FDGPGNTLGHAFAFGPGLGGDAHFDKDEYWTDGEDSGVNFLFVATHELGHSLGLGHSSVPSSVMYPYQG DHSEDFSLTKDDIAGIQKLYGKRNL
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase .

## References

Characterization of rat uterine matrilysin and its cDNA. Relationship to human pump-1 and activation of procollagenases.Abramson S.R., Conner G.E., Nagase H., Neuhaus I., Woessner J.F.J. Biol. Chem. 270:16016-16022(1995)Research Topic:Others

Note: This product is for in vitro research use only