

## Recombinant human Matrilysin

Catalog No: #AP71976



Package Size: #AP71976-1 20ug #AP71976-2 100ug #AP71976-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant human Matrilysin
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:95-267aaSequence Info:Full Length
Other Names	Matrin;Matrix metalloproteinase-7 ;MMP-7Pump-1 proteaseUterine metalloproteinase
Accession No.	P09237
Uniprot	P09237
GeneID	4316;
Calculated MW	46.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	YSLFPNSPKWTSKVVTYRIVSYTRDLPHTVDRLVSKALNMWGKEIPLHFRKVVWGTADIMIGFARGAHGDSY PFDGPGNTLAHAFAFGTGLGGDAHFDEDERWTDGSSLGINFLYAATHELGHSLGMGHSSDPNAVMPYTYGN GDPQNFKLSQDDIKGIQKLYGKRSNSRKK
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

Matrilysin-inhibitor complexes common themes among metalloproteases.Browner M.F., Smith W.W., Castelhana A.L.Biochemistry  
34:6602-6610(1995)Research Topic:Developmental Biology

Note: This product is for in vitro research use only