

Recombinant mouse Stromelysin-1

Catalog No: #AP72354



Package Size: #AP72354-1 20ug #AP72354-2 100ug #AP72354-3 1mg

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Description

Product Name	Recombinant mouse Stromelysin-1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:104-477aaSequence Info:Full Length
Other Names	EMS-2Matrix metalloproteinase-3 ;MMP-3Transin-1
Accession No.	P28862
Uniprot	P28862
GeneID	17392;
Calculated MW	46.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	PGSPKWRKSHITYRIVNYTPDLPRQSVDSAIEKALKVWEEVTPLTFSRISEGEADIMISFAVGEHGDFVPFDGP GTVLAHAYAPGPGINGDAHFDDEWTEEDVTGNTLFLVAAHELGHSLGLYHSAKAEALMYPVYKSSTDLSRF HLSQDDVDGIQSLYGTPASPDLVVPVTKSNSLEPETSMPMCSSTLFFDAVSTLRGEVLFFKDRHFWRKSLRTP EPEFYLISSFWPSLPSNMDAAEYVTNRDVFIFKGNQFWAIRGHEELAGYPKSIHTLGLPATVKKIDAASNKEK RKTYFFVEDKYWRFDEKKQSMEPGFPRKIAEDFPGVDSRVDAVFEAFGLYFFSGSSQLEFDPNNAKVVTHILK SNSWFNC
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

Can degrade fibronectin, laminin, gelatins of type I, III, IV, and V; collagens III, IV, X, and IX, and cartilage proteoglycans. Activates procollagenase.

References

Cloning and sequencing of a cDNA encoding mouse stromelysin 1.Hammani K., Henriet P., Eeckhout Y.Gene 120:321-322(1992)Research
Topic:Others

Note: This product is for in vitro research use only