

## Recombinant human Stromelysin-2

Catalog No: #AP72672

Package Size: #AP72672-1 20ug #AP72672-2 100ug #AP72672-3 1mg

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## Description

Product Name	Recombinant human Stromelysin-2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:99-476aaSequence Info:Full Length
Other Names	Matrix metalloproteinase-10 ;MMP-10Transin-2
Accession No.	P09238
Uniprot	P09238
GeneID	4319;
Calculated MW	45 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	FSSFPGMPKWRKTHLTYRIVNYTPDLPRDAVDSAIEKALKVWEEVTPLTFSRLYEGEADIMISFAVKEHGDFYS FDGPGHSLAHAYPPGPLYGDIHFDDDEKWTEDASGTNLFVAAHELGHSLGLFHSAANTEALMYPLYNSFTEL AQFRLSQDDVNGIQSLYGPPPASTEEPLVPTKSVPSGSEMPAKCDPALSFDAISTLRGEYLFKDRYFWRRSH WNPEPEFHLISAFWPSLPSYLDAAAYEVNSRDTVFIFKGNFWAIRGNEVQAGYPRGIHTLGFPTIRKIDAAVS DKEKKTYFFAADKYWRFDENSSQSMEEQGFRLIADDFPGVPEPKVDAVLQAFGFFYFFSGSSQFEFDPNARMV THILKSNSWLHC
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, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.

## References

The collagenase gene family in humans consists of at least four members.Muller D., Quantin B., Gesnel M.-C., Millon-Collard R., Abecassis J., Breathnach R.Biochem. J. 253:187-192(1988)Research Topic:Cancer

Note: This product is for in vitro research use only