

# Recombinant human Metalloproteinase inhibitor 3 protein

Catalog No: #AP72172

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Package Size: #AP72172-1 20ug #AP72172-2 100ug #AP72172-3 1mg

## Description

Product Name	Recombinant human Metalloproteinase inhibitor 3 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:30-208aaSequence Info:Partial
Other Names	Protein MIG-5Tissue inhibitor of metalloproteinases 3 ;TIMP-3
Accession No.	P35625
Uniprot	P35625
GeneID	7078;
Calculated MW	24.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	HPQDAFCNSDIVIRAKVVGKLVKEGPFGLVYTIKQMKMYRGFTKMPHVQYIHTEASESLCGLKLEVNKYQYL LTGRVYDGKMYTGLCNFVERWDQLTLSQRKGLNRYHLGCNCKIKSCYYLPCFVTSKNECLWTDMLSNFGY PGYQSKHYACIRQGGYCSWYRGWAPPDKSIINA
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

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates th by binding to their catalytic zinc cofactor. May form part of a tissue-specific acute response to rodeling stimuli. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-9, MMP-13, MMP-14 and MMP-15.

## References

Structure and expression in breast tumors of human TIMP-3, a new member of the metalloproteinase inhibitor family.Uria J.A., Ferrando A.A., Velasco G., Freije J.M., Lopez-Otin C.Cancer Res. 54:2091-2094(1994)Research Topic:Neuroscience

Note: This product is for in vitro research use only