

Recombinant human Metalloproteinase inhibitor 4

Catalog No: #AP71973



Package Size: #AP71973-1 20ug #AP71973-2 100ug #AP71973-3 1mg

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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Metalloproteinase inhibitor 4
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:31-224aaSequence Info:Full Length
Other Names	Tissue inhibitor of metalloproteinases 4 ;TIMP-4
Accession No.	Q99727
Uniprot	Q99727
GeneID	7079;
Calculated MW	26.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SCAPAHPPQQHICHSAVIRAKISSEKVVPSADPADTEKMLRYEIKQIKMFKGFVKDQYIYTPFDSSSLCGVK LEANSQKQYLLTGQVLSDGKVFHLCNYIEPWEDLSLVQRESLNHHYHLNCGCQITTCYVTPCTISAPNECLWT DWLLERKLYGYQAQHYVCMKHVDGTCSWYRGHLPLRKEFVDIVQP
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. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.

References

Molecular cloning and characterization of human tissue inhibitor of metalloproteinase 4.Greene J., Wang M., Liu Y.E., Raymond L.A., Rosen C., Shi Y.E.J. Biol. Chem. 271:30375-30380(1996)Research Topic:Cardiovascular

Note: This product is for in vitro research use only