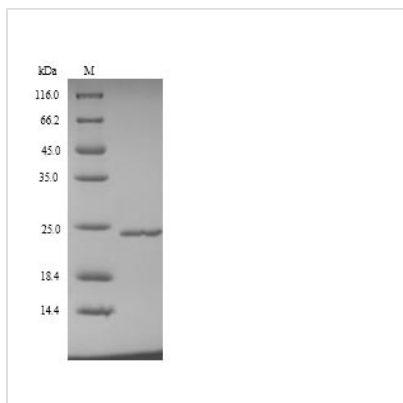




Recombinant Human Metalloproteinase inhibitor 4 (TIMP4)

Product Code	CSB-YP857872HU
Relevance	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.
Abbreviation	Recombinant Human TIMP-4 protein
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.
Uniprot No.	Q99727
Alias	Tissue inhibitor of metalloproteinases 4 ;TIMP-4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	CSCAPAHPPQQHICHSAALVIRAKISSEKVVPSADPADTEKMLRYEIKQIKMFKG FEKVKDVQYIYTPFDSSLCGVKLEANSQKQYLLTGQVLSDGKVFHLCNYIEPW EDLSLVQRESLNHHYHLNCGCQITTCYTVPCTISAPNECLWTDWLLERKLYGY QAQHYVCMKHVDGTCSWYRGHLPLRKEFVDIVQP
Research Area	Cancer
Source	Yeast
Target Names	TIMP4
Protein Names	Recommended name: Metalloproteinase inhibitor 4 Alternative name(s): Tissue inhibitor of metalloproteinases 4 Short name= TIMP-4
Expression Region	30-224aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	24.4kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.