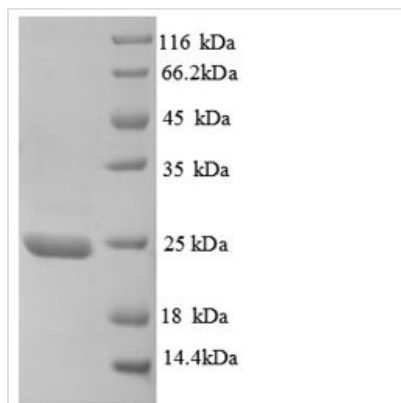




Recombinant Human Metalloproteinase inhibitor 3 (TIMP3), partial

Product Code	CSB-EP023562HU1
Relevance	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.
Abbreviation	Recombinant Human TIMP3 protein, partial
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.	P35625
Alias	Protein MIG-5Tissue inhibitor of metalloproteinases 3 ;TIMP-3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	HPQDAFCNSDIVIRAKVVGKKLVKEGPFGLVYTIKQMKNYRGFTKMPHVQYI HTEASESLCGLKLEVNKYQYLLTGRVYDGKMYTGLCNFVERWDQLTSLQRKG LNYRYHLGCNCKIKSCYYLPCFVTSKNECLWTDMLSNGYPGYQSKHYACIR QKGGYCSWYRGWAPPDKSIINA
Research Area	Neuroscience
Source	E.coli
Target Names	TIMP3
Expression Region	30-208aa
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	24.8kDa
Protein Length	Partial
Image	



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

Description

Experience the excellence of our Recombinant Human TIMP3 protein, carefully crafted to aid your neuroscience research endeavors. Derived from E. coli expression systems, this partial protein (30-208aa) features an N-terminal 6xHis-tag, ensuring efficient purification and identification. With a purity greater than 90% as assessed by SDS-PAGE, our TIMP3 protein is guaranteed to deliver reliable and reproducible results.

Investigate the fascinating world of metalloproteinase inhibitors and their roles in neural processes with our high-quality recombinant protein. Available in both liquid and lyophilized powder forms, our Recombinant Human TIMP3 protein is an indispensable asset for your neuroscience research toolkit.

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.