



Recombinant Human Metalloproteinase inhibitor 4

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| Product Code | CSB-BP857872HU |
| Uniprot No. | Q99727 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | CSCAPAHPPQQHICHHSALVIRAKISSEKVVPPASADPADTEKMLRYEIKQIKMFKG FEKVKDVQYIYTPFDSSLCGVKLEANSQKQYLLTGQVLSDGKVFHLCNYIEPW EDLSLVQRESLNHHYHLNCGCQITTCYTVPCTISAPNECLWTDWLLERKLYGY QAQHYVCMKHVDGTCSWYRGHLPLRKEFVDIVQP |
| Research Area | Cancer |
| Source | Baculovirus |
| Target Names | TIMP4 |
| Expression Region | 30-224aa |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | Full Length of Mature Protein |
| Target Details | This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. |
| 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. |