

Tissue Inhibitor of Metalloprotease 4 Human Recombinant

Item Number	rAP-1902
Synonyms	TIMP Metallopeptidase Inhibitor 4, Tissue Inhibitor Of Metalloproteinases 4, Tissue Inhibitor Of Metalloproteinase 4, TIMP-4, Metalloproteinase Inhibitor 4.
Description	TIMP4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 204 amino acids (30-224 a.a.) and having a molecular mass of 23.5kDa (Molecular size on SDS-PAGE will appear at
Uniprot Accession Number	Q99727
Amino Acid Sequence	ADPCSCAPAH PQQHICHSA L VIRAKISSEK VVPASADPAD TEKMLRYEIK QIKMFKGF EK VKDVQYIYTP FDSSLCGVKL EANSQKQYLL TGQVLSDGKV FIHLCNYIEP WEDLSLVQRE SLNHYYHLNC GCQITT- CYTV PCTISAPNEC LWTDWLLERK LYG YQAQHYV CMKHVDGTCS WYRGHLPLRK EFVDIVQPHH HHHH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TIMP4 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**