

Tissue Inhibitor of Metalloprotease 1 Rat Recombinant

Item Number	rAP-1899
Synonyms	Metalloproteinase inhibitor 1, Tissue inhibitor of metalloproteinases 1, TIMP-1, TIMP1.
Description	TIMP1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (24-217 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 200 amino acids and having a molecular mass of 22.3kDa. TIMP1 Ligand shows multiple bands between 18-28kDa on SDS-PAGE, reducing conditions and
Uniprot Accession Number	P30120
Amino Acid Sequence	CSCAPTHPQT AFCNSDLVIR AKFMGSPEII ETTLYQRYEI KMTKMLKGFD AVGNATGFRF AYTPAM- ESLC GYVHKSNRS EEFLIAGRLR NGNLHITACS FLVPWHNLSP AQQKAFVKTY SAGCGVCTVF PCSAIPCKLE SDSHCLWTDQ ILMGSEKGYQ SDHFACLPRN PDLCTWQYLG VSMTRSLPLA KAEAHHHHHH
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	TIMP1 Ligand protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4) 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**