

Tissue Inhibitor of Metalloprotease 1 Mouse Recombinant

Item Number	rAP-1900
Synonyms	Metalloproteinase inhibitor 1, Erythroid-potentiating activity, EPA, TPA-S1, TPA-induced protein, Tissue inhibitor of metalloproteinases 1, TIMP-1, TIMP1.
Description	TIMP1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (25-205 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 187 amino acids and having a molecular mass of 21kDa. TIMP1 Ligand shows multiple bands between 18-28kDa on SDS-PAGE, reducing conditions and
Uniprot Accession Number	P12032
Amino Acid Sequence	CSCAPPHPQT AFCNSDLVIR AKFMGSPEIN ETTLYQRYKI KMTKMLKGFK AVGNAADIRY AYTPVM- ESLC GYAHKSNRS EEFLITGRLR NGNLHISACS FLVPWRTLSP AQQRAFSKTY SAGCGVCTVF PCLSIPCKLE SDTHCLWTDQ VLVGSEDYQS RHFACLPRNP GLCTWRSLGA RHHHHHH
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 95.0% 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**