

## Tissue Inhibitor of Metalloprotease 2 Human Recombinant, His Tag

<b>Item Number</b>	rAP-1896
<b>Synonyms</b>	TIMP metallopeptidase inhibitor 2, metalloproteinase inhibitor 2, Tissue inhibitor of metalloproteinases 2, TIMP-2, CSC-21K.
<b>Description</b>	TIMP2 Human Recombinant produced in E. coli is a single polypeptide chain containing 232 amino acids (27-220) and having a molecular mass of 26.1 kDa. TIMP2 is fused to a 38 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P16035
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHM CS CSPVHPQQAF CNADVIRAK AVSEKEVDSG NDIYGNPIKR IQYEIKQIKM FKGPEKDIEF IYTAPSSAVC GVSLDVGGKK EYLIAGKAEG DGKMHITLCD FIVPWTDLST TQKKSLNHRY QMGCECKITR CPMIPCYISS PDECLWMDWV TEKNINGHQA KFFACIKRSD GSCAWYRGAA PPKQEFLDIE DP
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The TIMP2 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**