

Mouse TIMP-2 Protein

Cat. No. TIM-MM1P2

Description

Source	Recombinant Mouse TIMP-2 Protein is expressed from Expi293 with His tag at the C-terminal. It contains Cys27-Pro220.
Accession	P25785
Molecular Weight	The protein has a predicted MW of 22.8 kDa. Due to glycosylation, the protein migrates to 24-26 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

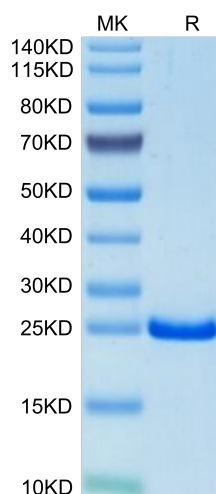
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

Tissue inhibitors of metalloproteinases or TIMPs are a family of proteins that regulate the activation and proteolytic activity of the zinc enzymes known as matrix metalloproteinases (MMPs).TIMP-2 is a non N-glycosylated protein with a molecular mass of 22 kDa produced by a wide range of cell types, which inhibits MMPs non-covalently by the formation of binary complexes. TIMP-2 also has erythroidpotentiating and cell growth promoting activities.

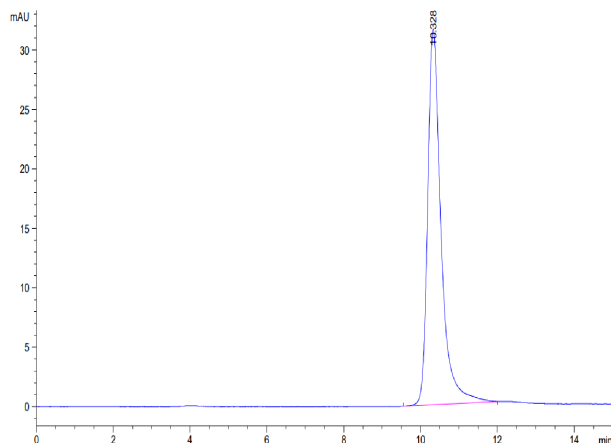
Assay Data

Tris-Bis PAGE



Mouse TIMP-2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse TIMP-2 is greater than 95% as determined by SEC-HPLC.