

Rev03
 Update: Aug,08,2025

DATASHEET

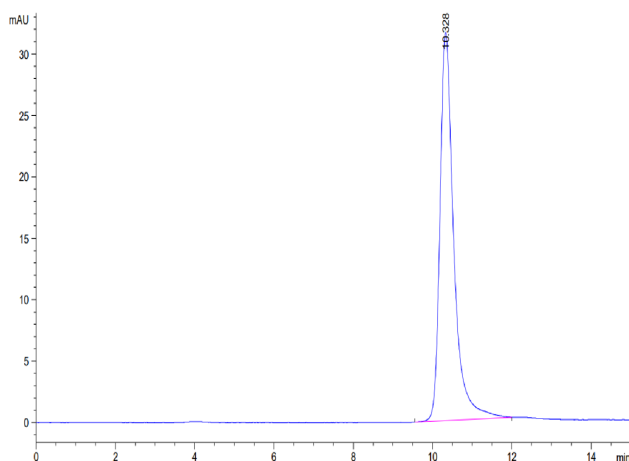
TIMP-2, His, Mouse

Cat. No.: Z06376

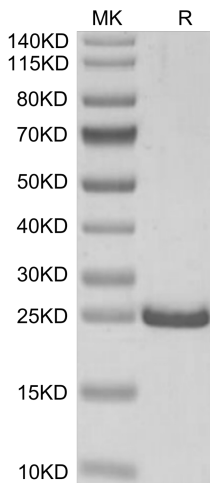
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; margin-right: 10px;"> TIMP-2 (Cys27-Pro220)_x000D_ Accession # P25785 </div> <div style="background-color: #76923c; color: white; padding: 5px; margin-right: 10px;"> His </div> </div> <div style="display: flex; justify-content: space-around; font-size: small; margin-top: 5px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	22.8 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 24-26 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



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



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

Background

Target 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 erythroid-potentiating and cell growth promoting activities.

Synonyms : CSC-21K; TIMP2; DDC8; TIMP-2

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China