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Datasheet for ABIN7275742 TIMP1 Protein (AA 25-205) (Fc Tag)

2 Images



Overview

Quantity:	100 µg
Quantity.	
Target:	TIMP1
Protein Characteristics:	AA 25-205
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIMP1 protein is labelled with Fc Tag.

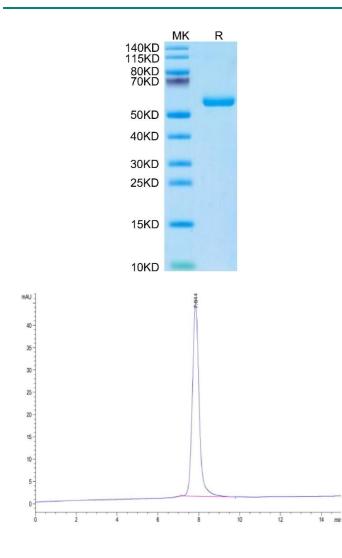
Product Details

Purpose:	Mouse TIMP1 Protein
Sequence:	Cys25-Arg205
Characteristics:	Recombinant Mouse TIMP1 Protein is expressed from HEK293 with hFc tag at the N- Terminus.It contains Cys25-Arg205.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.
Target Details	

Target:	TIMP1
Alternative Name:	TIMP1 (TIMP1 Products)

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Target Details	
Background:	Tissue inhibitor of metalloprotease-1 (TIMP-1) is a tissue inhibitor of matrix metalloproteinases (MMPs). It however exerts multiple effects on biological processes, such as cell growth, proliferation, differentiation and apoptosis, in an MMP-independent manner.
Molecular Weight:	46.38 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
UniProt:	P12032
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse TIMP1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse TIMP1 is greater than 95 % as determined by SEC-HPLC.

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