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## Datasheet for ABIN7319089 **TIMP4 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	TIMP4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIMP4 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human TIMP-4/TIMP4 Protein (His Tag)
Sequence:	Cys30-Pro224
Characteristics:	Recombinant Human Tissue Inhibitor of Metalloproteinases 4 is produced by our Mammalian expression system and the target gene encoding Cys30-Pro224 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	TIMP4
Alternative Name:	TIMP-4/TIMP4 ( <a href="#">TIMP4 Products</a> )
Background:	Background: Metalloproteinase inhibitor 4 is an enzyme that in humans is encoded by the TIMP4 gene, belongs to the protease inhibitor I35 (TIMP) family. The protein complexes with

## Target Details

metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.

Synonym: Metalloproteinase inhibitor 4,TIMP-4,Tissue inhibitor of metalloproteinases 4,TIMP4

Molecular Weight: 23.5 kDa

UniProt: [Q99727](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.