

PRODUCT INFORMATION

Target TIMP2

Synonyms DDC8; CSC-21K

Recombinant human TIMP2 Protein with C-**Description**

terminal 6×His tag

Delivery In Stock **Uniprot ID** P16035 **Expression Host HEK293** Tag C-6×His tag

Molecular

Purity

Background

TIMP2(Cys27-Pro220) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 22.6 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene is a member of the TIMP gene family. The proteins encoded by this gene family are

natural inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. In addition to an inhibitory role against metalloproteinases, the encoded protein has a unique role among TIMP family members in its ability to directly suppress the proliferation of endothelial cells. As a result, the encoded protein

may be critical to the maintenance of tissue homeostasis by suppressing the proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing remodelling of the

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extracellular matrix. [provided by RefSeq, Jul

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Usage Research use only Conjugate Unconjugated





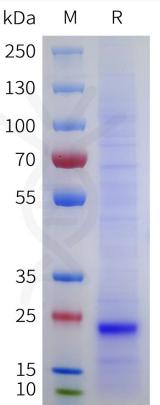


Figure 1. Human TIMP2 Protein, His Tag on SDS-PAGE under reducing condition.

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