PRODUCT INFORMATION

Target	TIMP4
Synonyms	TIMP-4
Description	Recombinant human TIMP4 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q99727
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	TIMP4(Cys30-Pro224) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 48.6 kDa after removal of the signal peptide. The apparent molecular mass of TIMP4-hFc is approximately 55-70 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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). Lyophilized proteins are shipped at ambient temperature.
Background	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are inhibitors of the matrix metalloproteinases, a group of peptidases involved in degradation of the extracellular matrix. The secreted, netrin domain-containing protein encoded by this gene is involved in regulation of platelet aggregation and recruitment and may play role in hormonal regulation and endometrial tissue remodeling. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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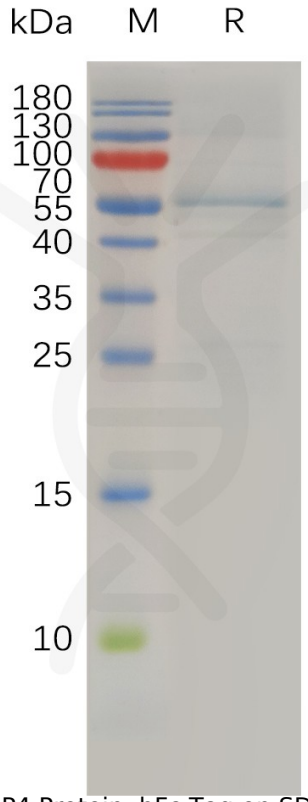


Figure 1. Human TIMP4 Protein, hFc Tag on SDS-PAGE under reducing condition.

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