

Recombinant Human TIMP2 protein, hFc-tagged

Cat. No. TIMP2-880H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMP2 protein(NP_003246.1)(Cys27-Pro220), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-220 a.a.
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human Fc/TIMP2 is a disulfide-linked homodimeric protein. The reduced monomer consists of 431 amino acids and has a predicted molecular mass of 48 kDa as estimated in SDS-PAGE under reducing conditions.
Proteinlength	Cys27-Pro220
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [TIMP2 TIMP metalloproteinase inhibitor 2 \[Homo sapiens \]](#)

Official Symbol [TIMP2](#)

Synonyms TIMP2; TIMP metalloproteinase inhibitor 2; tissue inhibitor of metalloproteinase 2; metalloproteinase inhibitor 2; CSC 21K; TIMP-2; tissue inhibitor of metalloproteinases 2; CSC-21K;

Gene ID [7077](#)

mRNA Refseq [NM_003255](#)

Protein Refseq [NP_003246](#)

MIM [188825](#)

UniProt ID [P16035](#)

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