

Recombinant Human TIMP2 Protein, MYC/DDK-tagged

Cat. No. TIMP2-1027H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TIMP2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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 extracellular matrix. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	21.7 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	TIMP2 TIMP metalloproteinase inhibitor 2 [Homo sapiens]
Official Symbol	TIMP2
Synonyms	CSC-21K; DDC8
Gene ID	7077
mRNA Refseq	NM_003255
Protein Refseq	NP_003246
MIM	188825
UniProt ID	P16035

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