

Native Human TIMP2

Cat. No. TIMP2-8460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LPA was purified from Human Fibroblasts.
Species	Human
Source	Human Fibroblasts
Description	Glycoprotein that belongs to a family which takes part in the activation and regulation of the MMP-activity. Forms a non-covalent stoichiometric complex with latent and active MMP"s. Inhibits the activities of MMP-1, MMP-2, MMP-12 and transin
Form	In 50 mM Tris-HCl, pH 7; 200 mM NaCl; 5 mM CaCl ₂ ; 1 µM ZnCl ₂ ; 0.05% Brij 35; 0,05% NaN ₃
Molecular Mass	~21kDa (non-reduced); ~24kDa (reduced) (SDS-PAGE).
Purity	≥0% by SDS - PAGE
Storage	Stable if stored at -80°C. Repeated freezing and thawing should be avoided.
Concentration	~100 µg/ml
Shipping	Dry Ice

GENE INFORMATION

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Gene Name	TIMP2 TIMP metallopeptidase inhibitor 2 [Homo sapiens]
Official Symbol	TIMP2
Synonyms	TIMP2; TIMP metallopeptidase 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
Chromosome Location	17q25
Pathway	Activation of Matrix Metalloproteinases, organism-specific biosystem; Degradation of the extracellular matrix, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem; Matrix Metalloproteinases, organism-specific biosystem;
Function	enzyme activator activity; enzyme inhibitor activity; integrin binding; metal ion binding; metalloendopeptidase inhibitor activity;