

Recombinant Human TIMP3

Cat. No. TIMP3-31151TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human TIMP3 (latent form) purified from transfected BHK cells.
Species	Human
Description	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 (ECM). Expression of this gene is induced in response to mitogenic stimulation and this netrin domain-containing protein is localized to the ECM. Mutations in this gene have been associated with the autosomal dominant disorder Sorsbys fundus dystrophy.
Form	Liquid
Storage buffer	Preservative: None Constituents: 50% Glycerol, PBS, pH 7.4.
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the protease inhibitor I35 (TIMP) family. Contains 1 NTR domain.

GENE INFORMATION

Gene Name	TIMP3 TIMP metalloproteinase inhibitor 3 [Homo sapiens]
Official Symbol	TIMP3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	TIMP3; TIMP metalloproteinase inhibitor 3; SFD, tissue inhibitor of metalloproteinase 3 (Sorsby fundus dystrophy, pseudoinflammatory); metalloproteinase inhibitor 3;
Gene ID	7078
mRNA Refseq	NM_000362
Protein Refseq	NP_000353
MIM	188826
Uniprot ID	P35625
Chromosome Location	22q12.3
Pathway	Endochondral Ossification, organism-specific biosystem; Matrix Metalloproteinases, organism-specific biosystem;
Function	enzyme inhibitor activity; metal ion binding; metalloendopeptidase inhibitor activity; protein binding;

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