

TIMP1 抗原（重组蛋白）

中文名称：TIMP1 抗原（重组蛋白）

英文名称：TIMP1 Antigen (Recombinant Protein)

别名：TIMP metalloproteinase inhibitor 1; EPA; EPO; HCI; CLGI; TIMP

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 24-207 amino acids of human TIMP1

技术规格：

Full name:	TIMP metalloproteinase inhibitor 1
Synonyms:	EPA; EPO; HCI; CLGI; TIMP
Swissprot:	P01033
Gene Accession:	BC000866
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene belongs to the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Transcription of this gene is highly inducible in response to many cytokines and hormones. In addition, the expression from some but not all inactive X chromosomes suggests that this gene inactivation is polymorphic in human females. This gene is located within intron 6 of the synapsin I gene and is transcribed in the opposite direction.

