

TIMP2 抗原（重组蛋白）

中文名称：TIMP2 抗原（重组蛋白）

英文名称：TIMP2 Antigen (Recombinant Protein)

别名：TIMP metalloproteinase inhibitor 2; CSC-21K

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 30-220 amino acids of human TIMP2

技术规格：

Full name:	TIMP metalloproteinase inhibitor 2
Synonyms:	CSC-21K
Swissprot:	P16035
Gene Accession:	BC052605
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 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 t

he 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.