

Recombinant Human TIMP2

Catalog No: #GP10836



Package Size: #GP10836-1 100ug

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Description

Product Name	Recombinant Human TIMP2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 30-220 amino acids of human TIMP metalloproteinase inhibitor 2
Target Name	TIMP metalloproteinase inhibitor 2
Other Names	CSC-21K
Accession No.	Swissprot:P16035Gene Accession:BC052605
Uniprot	P16035
GenID	7077;
Storage	-20~-80°C, pH 7.6 PBS

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 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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