Human Tissue Inhibitor of Metalloprotease 2 (TIMP2) Enzyme

Catalogue No.:abx073648

Human Tissue Inhibitor of Metalloprotease 2 (TIMP2) Enzyme is a recombinant enzyme produced in HEK cells. 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. [provided by RefSeq, Jul 2008].

Target:	Tissue Inhibitor of Metalloprotease 2 (TIMP2)
Origin:	Human
Expression:	Recombinant
Tested Applications:	SDS-PAGE
Host:	HEK293 cells
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Form:	Lyophilized
Purity:	> 95% (SDS-PAGE)
UniProt Primary AC:	P16035 (UniProt, ExPASy)
KEGG:	hsa:7077
String:	9606.ENSP00000262768
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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