

Product datasheet for **TP727269**

TIMP4 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Tissue Inhibitor of Metalloproteinases 4/TIMP-4 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Cys30-Pro224
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Human Tissue Inhibitor of Metalloproteinases 4 is produced by our Mammalian expression system and the target gene encoding Cys30-Pro224 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	7079
UniProt ID:	Q99727
Synonyms:	Metalloproteinase inhibitor 4;TIMP-4;Tissue inhibitor of metalloproteinases 4;TIMP4
Summary:	Metalloproteinase inhibitor 4 is an enzyme that in humans is encoded by the TIMP4 gene, belongs to the protease inhibitor I35 (TIMP) family. The protein complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7 and MMP-9.
Protein Families:	Druggable Genome, Secreted Protein



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