

Human TIMP2 protein (active)

Cat. No. GTx48123-pro

Applications	Functional Assay	Package
Species	Human	10 µg

Applications

Application Note

TIMP-2 activity was measured by its ability to inhibit human MMP-1 induced hydrolysis of a chromogenic peptide substrate at room temperature. Half maximal inhibition was obtained at a TIMP-2 concentration of approximately 0.5 µg/ml, when using an MMP-1 concentration of 1.6 µg/ml.

Properties

Form	Lyophilized powder
Buffer	Batch dependent (please contact us for details)
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.
Region/Sequence	MCSCSPVHPQ QAFCNADVVI RAKAVSEKEV DSGNDIYGNP IKRIQYEIKQ IKMFKGPEKD IEFIYTAPSS AVCGVSLDVG GKKEYLIAGK AEGDGKMHIT LCDFIVPWD LSTTQKKSLN HRYQMGCECK ITRCPMIPCY ISSPDECLWM DWVTEKNING HQAKFFACIK RSDGSCAWYR GAAPPKQEFL DIEDP
Expression System	E. coli
Purity	> 95% by SDS-PAGE and HPLC.
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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