

# Human TIMP2 protein (active)

**Cat. No. GTX48123-pro**
**Applications** Functional Assay

**Species** Human

**Package**

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 QAFCNADWI RAKAVSEKEV DSGNDIYGNP IKRIQYEIKQ IKMFKGPEKD IEFITYAPSS AVCGVSLDVG  
GKKEYLIAGK AEGDGKMHIT LCDFIVPWDI LSTTQKKSLN HRYQMGCECK ITRCPMIPCY ISSPDECLWM DWVTEKNNING  
HQAFFACIK RSDGSCAWYR GAAPPKQEFL DIEDP

**Expression System** E. coli

**Purity** > 95% by SDS-PAGE and HPLC.

**Endotoxin** < 1 EU/µg

**Conjugation** Unconjugated

**Note**

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