

TIMP2, 27-220aa, Human, His tag, Insect cell

Cat.NO.: TP04222

3th Edition

Synonyms:TIMP2, CSC-21K, DDC8

Description:TIMP2, also known as metalloproteinase inhibitor 2, belongs to the tissue inhibitors of metalloproteinases family. The TIMP family inhibit most MMPs by forming non-covalent binary complex. TIMP2 plays a unique role among TIMP family members owing to its functions to regulate cellular responses to growth factors. Recombinant human TIMP2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:22.5kDa (200aa), 18-28KDa (SDS-PAGE under reducing conditions.)

Sequences:

CSCSPVHPQQAFQCNADVIRAKAVSEKEVDGNDIYGNPIKRIQYEIKQIKMFKGPEKDIEFIYTAPSSAVCGVSLDV
GGKKEYLIAGKAEGDGKMHITLCDFIVPWTLSSTQKSLNHRYQMGCECKITRCPMIPCYISSPDECLWMDWVTE
KNIHQAKFFACIKRSDGSCAWYRGAAPPKQFLDIEDPHHHHHH

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.