

Recombinant Human Tissue Inhibitor of Metalloproteinases 4/TIMP-4 Protein(C-6His)

Cat.NO.: TP05742

3th Edition

Synonyms: Metalloproteinase inhibitor 4;TIMP-4;Tissue inhibitor of metalloproteinases 4;TIMP4

Description: 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.

Form: PBS

Molecular Weight: 23.5 kDa

Sequences: Cys30-Pro224

Purity: > 95% by HPLC

Concentration:

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.