

## 32-8533: Recombinant Human Tissue Inhibitor of Metalloproteinases 4/TIMP-4 (C-6His)

**Gene :** TIMP4  
**Gene ID :** 7079  
**Uniprot ID :** Q99727

### Description

Source: Human Cells.  
MW :23.5kD.

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. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH8.0.  
Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.  
**Storage condition :** 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.  
**Amino Acid :** CSCAPAHPPQQHICHSALVIRAKISSEKVVPPASADPADTEKMLRYEIKQIKMFKGFEEKVDVQYIYTPFDSSLCGVK  
LEANSQKQYLLTGQVLSDGKVFHLCNIEPWEDLSLVQRESLNHHYHLNCGCQITTCYTPCTISAPNECLWT  
DWLLERKLYGYQAQHYVCMKHVDGTCSWYRGHLPLRKEFVDIVQPDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.