9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. 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 :	CSCAPAHPQQHICHSALVIRAKISSEKVVPASADPADTEKMLRYEIKQIKMFKGFEKVKDVQYIYTPFDSSLCGVK LEANSQKQYLLTGQVLSDGKVFIHLCNYIEPWEDLSLVQRESLNHHYHLNCGCQITTCYTVPCTISAPNECLWT DWLLERKLYGYQAQHYVCMKHVDGTCSWYRGHLPLRKEFVDIVQPVDHHHHHH

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.