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

32-6926: TIMP4 Human

Alternative Name : TIMP Metallopeptidase Inhibitor 4, Tissue Inhibitor Of Metalloproteinases 4, Tissue Inhibitor Of Metalloproteinase 4, TIMP-4, Metalloproteinase Inhibitor 4.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Metalloproteinase inhibitor 4 (TIMP4) is a member of a family of secreted proteins which regulate the activation and proteolytic activity of the zinc enzymes known as matrix metalloproteinases. The four known members of this family are TIMP1, 2, 3 and 4. TIMP4 is produced by various tissues, particularly the brain, heart, ovary and skeletal muscle. Limited studies have shown that the TIMP4 protein has a tumor suppressive effect against Wilm92s tumor, exhibiting a negative correlation with glioma malignancy and is found in breast carcinoma cells.
TIMP4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 204 amino acids (30-224 a.a.) and having a molecular mass of 23.5kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa).Â TIMP4 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	TIMP4 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPCSCAPAH PQQHICHSAL VIRAKISSEK VVPASADPAD TEKMLRYEIK QIKMFKGFEK VKDVQYIYTP FDSSLCGVKL EANSQKQYLL TGQVLSDGKV FIHLCNYIEP WEDLSLVQRE SLNHHYHLNC GCQITTCYTV PCTISAPNEC LWTDWLLERK LYGYQAQHYV CMKHVDGTCS WYRGHLPLRK EFVDIVQPHH HHHH.

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