



本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

TIMP4, 30-224aa, Human, His-tag, Baculovirus

产品货号: TP04223

第三版

别名: Metalloproteinase inhibitor 4, TIMP4, TIMP-4, Metalloproteinase inhibitor 4TIMP 4, TIMP metalloproteinase inhibitor 4TIMP-4, Timp4, TIMP4_HUMAN Tissue inhibitor of metalloproteinase 4 Tissue inhibitor of metalloproteinases 4.

描述: TIMP4, as known as metalloproteinase inhibitor 4, is a family of secreted protein that regulates the activation and proteolytic activity of the zinc enzymes known as matrix metalloproteinases. There are four known members of the family, TIMP1, 2, 3 and 4. TIMP4 is produced by a wide range of tissues, particularly brain, heart, ovary and skeletal muscle. Limited studies have shown that this protein has a tumor suppressive effect against Wilm s tumor, exhibits negative correlation with glioma malignancy and is found in breast carcinoma cells. Recombinant human TIMP4, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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

分子量: 23.5kDa (204aa), 18-28kDa (SDS-PAGE under reducing conditions)

序列:

ADPCSCAPAHPPQQHICH SALVIRAKISSEKVV PASADPADTEKMLRYEIKQIKMFKGFEKVKDVQYIYTPFDSSLCGVKLEA
NSQKQYLLTGQVLS DGKVFHLCNYIEPWEDLSLVQRESLNHHYHLNCGCQITTCYTPCTISAPNECLWTDWLLERKLY
GYQAQHYVCMKHVDGTCSWYRGHLPLRKEFVDIVQPHHHHHH

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.