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TIMP1, 24-207aa, Human, His tag, Insect cell

产品货号: TP04220

第三版

别名:TIMP metalloproteinase inhibitor 1, CLGI, EPA, EPO, HCl, TIMP

描述:TIMP1, also known as TIMP metalloproteinase inhibitor 1, is a glycoprotein that is expressed from the several tissues of organisms. This protein is a member of the TIMP family. The glycoprotein is a natural inhibitor of the matrix metalloproteinases (MMPs), a group of peptidases involved in degradation of the extracellular matrix. In addition to its inhibitory role against most of the known MMPs, the encoded protein is able to promote cell proliferation in a wide range of cell types, and may also have an anti-apoptotic function. Recombinant human TIMP1, 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 (pH7.4).

分子量:21.5kDa (190aa) 18-28kDa (SDS-PAGE under reducing conditions.)

序列:

CTCVPPHPQTAFCNVDLIRAKFVGTPEVNQTTLYQRYEIKMTKMYKGFQALGDAADIRFVYTPAMESVCGYFHRSHNR
SEEFLLIAGKLDGLLHITTCFVAPWNSLSLAQRRTKTYTVGCEECTVFPCLSLPCKLQSGTHCLWTDQLLQSGSEKGFQS
RHLACLPREPGLCTWQSLRSQIAHHHHHH

纯度:> 95% by HPLC

浓度:0.2mg/ml (determined by Bradford)

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.