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Metalloproteinase inhibitor 1, 25-205aa, Mouse, His tag, Insect cell

产品货号: TP02952

第三版

别名: Timp1, Clgi, EPA, Timp, TIMP-1, TPA-S1

描述: TIMP1, also known as metalloproteinase inhibitor 1, is a member of the TIMP family. Tissue inhibitors of metalloproteinases (TIMP) family are natural inhibitors of the matrix metalloproteinases (MMPs), the zinc enzymes involved in extracellular matrix maintenance and remodeling. 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. It has been identified as a multifunctional molecule with divergent functions. Recombinant Mouse 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 (pH 7.4), 10% glycerol

分子量: 21.0kDa (187aa) 18-28kDa (SDS-PAGE under reducing conditions)

序列:

CSCAPPHPQTAFCNVDLIRAKFMGSPEINETTLYQRYKIKMTKMLKGFKAVGNAADIRYAYTPVMESLCGYAHKSQNRSEFLITGRLRNGNLHISACSLVPWRTLSPAQQRAFSKTYAGCGVCTVFPCLSIKLESKTHCLWTDQVLVGSSEYQSRHFACLPRNPGLCTWRSLGARHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/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.