

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

MMP1, 18-469aa, Human, His-tag, Baculovirus

产品货号: TP02990

第三版

别名:Interstitial collagenase isoform 1, MMP1, CLG, CLGN.

描述:MMP1, also known as interstitial collagenase isoform 1, contains 4 hemopexin-like domains and is a member of the matrix metalloproteinase (MMP) family. It is capable of degrading a wide range of extracellular molecules and a number of bioactive molecules. It plays a central role in cell proliferation, migration, differentiation, angiogenesis, apoptosis and host defences. Recombinant human MMP1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM MES buffer (pH 5.5) containing 10mM CaCl₂, 100 mM NaCl, 0.05% Brij35, 30% glycerol.

分子量:53.1kDa (460aa), 50-70kDa (SDS-PAGE under reducing conditions)

序列:

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HSFPATLETQEQDVDLVQKYLEKYNNLKNDRQVEKRRNSGPVVEKLGKMQEFFGLKVTGKPD AETLKVMKQPRCGVP  
DVAQFVLTEGNPRWEQTHLTYRIENYTPDLPRADVDHAIEKAFQLWSNV TPLTFTKVSEGGADIMISFVRGDHRD NSPFD  
GPGGNLAHAFQPGPGIGGDAHFDEDERWTNNFREYNLHRVAAHELGHSLGLSHSTDIGALMYPSTFSGDVQLAQDDI  
DGIQAIYGRSQNPVQPIGPQTPKACDSKLTFDAITIRGEVMFFKDRFYMRTNPFYPEVELNFISVFWPQLP NGLEAA YEFA  
DRDEVRFKGNKYWAVQQQNVLHGYPKDIYSSFGFPRTVKHIDAAL SEENTGKTYFFVANKYWRYDEYKRSM DPGYPK  
MIAHDFPGIGHKVDVFMKDGFFYFFHGTRQYKFDPKTKRILTLQKANSWFNCRKNLEHHHHHHH
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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.