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MMP10, 99-476aa, Human, His tag, E.coli

产品货号: TP02991

第三版

别名:stromelysin-2 preproprotein, SL-2, STMY2

描述:MMP10 protein of the matrix metalloproteinase (MMP) family is involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. The enzyme encoded by this gene degrades proteoglycans and fibronectin. MMP10 is part of a cluster of MMP genes which localize to chromosome 11q22.3. Recombinant human MMP10 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量:45.4kDa (401aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSSFFPGMPKWRKTHLTYRIVNYTPDLPRDAVDSAIEKALKVWEEVTPLTFSRLYEGE
ADIMISFAVKEHGDFYSFDGPGHSLAHAYPPGPLYGDIHFDDDEKWTEDASGTNLFLVAAHELGHSLGLFHSANTEALM
YPLYNSFTELAQFRLSQDDVNGIQSLYGPPASTEEPLVPTKSVPSGSEMPAKCDPALSFDAISTLRGEYLFFKDRYFWRRSH
WNPEPEFHLLISAFWPSLPSYLDAAEYVNSRDTVFIFKGNFWAIRGNEVQAGYPRGIHTLGFPTIRKIDAAVSDKEKKKTY
FFAADKYWRFDENSSQSMEQGFPRLIADDFPGVEPKVDAVLQAFGFFYFFSGSSQFEFDPNARMVTHILKSNSWLHC

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

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.