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ESM1, 20-184aa, Human, His tag, E.coli

产品货号: TP02051

第三版

别名:Endothelial cell-specific molecule 1, endocan

描述:Endothelial cell-specific molecule 1, also known as ESM1, is a proteoglycan secreted by endothelial cells and its mRNA expression is regulated by inflammatory cytokines. ESM1 expression has also been detected in different epithelia and in adipocytes. The expression of endocan is upregulated by TNF alpha, IL1 beta, or lipopolysaccharide and downregulated by IFN gamma. Genetically engineered cells overexpressing endocan has been shown to induce tumor formation, suggesting that ESM1 may be involved in the pathophysiology of tumor growth in vivo. Recombinant human ESM1 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 2M Urea, 10% glycerol

分子量:20.5 kDa (188aa)

序列:

MGSSHHHHHSSGLVPRGSHMGWSNNYAVDCPQHCDSSSECKSSPRCKRTVLDDCGCCRVCAAGRGETCYRTVSGM
DGMKCGPLRCQPSNGEDPFGEFICKDCPYGTFGMDCRETCNCQSGICDRGTGKCLKFPFFQYSVTKSSNRFVSLTEH
DMASGDGNIVREEVVKENAAGSPVMRKWLNPR

纯度:> 95% by HPLC

浓度:1 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.