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Recombinant Mouse Endothelial cell-specific molecule 1 Protein

产品货号: TP04844

第三版

别名:Endothelial cell-specific molecule 1; ESM-1; Esm1; Endocan

描述:Endothelial cell-specific molecule – 1 (ESM-1)—so-called endocan—is a novel endothelium derived soluble dermatan sulfate proteoglycan (PG) that is constitutively expressed by endothelial cells in lungs and kidneys and can be detected in human blood. It is encoded by the ESM1 gene. The expression of this gene is regulated by several cytokines and growth factors, such as vascular endothelial growth factor. Inflammatory cytokines, such as interleukin (IL)-1 and tumor necrosis factor (TNF)- , stimulate the upregulation of endocan mRNA and the secretion of endocan from endothelial cells. The binding of circulating endocan to leukocyte ligand for ICAM-1—Lymphocyte Function-associated Antigen-1 (LFA-1) and to leukocyte ligand for VCAM-1—Very Late Antigen-4 (VLA-4) is important in leukocyte adhesion and interaction with activated endothelium. Endocan is a key player in the regulation of major processes such as cell adhesion in inflammatory disorders and tumor progression.

配方:PBS

分子量:19.0 kDa

序列:Met1-Arg184

纯度:> 95% by HPLC

浓度:

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.