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Recombinant Human Endothelial Cell Adhesion Molecule/ESAM Protein(C-Fc)

产品货号: TP05127

第三版

别名:Endothelial Cell-Selective Adhesion Molecule; ESAM

**描述:**Endothelial Cell Adhesion Molecule (ESAM) is a 55 kDa type I transmembrane glycoprotein member of the JAM family of immunoglobulin superfamily molecules. The 390 amino acid Human ESAM contains a 216 amino acid extracellular domain (ECD) with a V-type and a C2-type immunoglobulin (Ig) domain. The ECD of human and mouse ESAM share 69% amino acid identity. ESAM is specifically expressed at endothelial tight junctions and on activated platelets and performs homophilic adhesion activity. The adaptor protein membrane-associated guanylate kinase MAGI-1 has been identified as an intracellular binding partner of ESAM. In addition, ESAM at endothelial tight junctions participates in the migration of neutrophils through the vessel wall, possibly by influencing endothelial cell contacts. ESAM-deficient mice were described with lowered angiogenic potential, and accordingly, overexpression of ESAM is closely associated with certain tumor growth and metastasis.

**配方:**PBS

**分子量:**50.8 kDa

**序列:**Gln30-Ala247

**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.