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CD34, 32-290aa, Human, His tag, E.coli

产品货号: TP01505

第三版

别名: Hematopoietic progenitor cell antigen CD34, CD34 molecule

描述: Hematopoietic progenitor cell antigen CD34 is a heavily glycosylated, transmembrane glycoprotein that is expressed on the surface of lymphohematopoietic stem and progenitor cells, small-vessel endothelial cells, embryonic fibroblasts and some cells in fetal and adult nervous tissue. It is likely an adhesion molecule with a role in early hematopoiesis by mediating attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Recombinant human CD34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1mM DTT

分子量: 29.7 kDa (280aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSLDNNGTATPELPTQGTFNSVSTNVSQYQETTTTPSTLGSTSLHPVSQHGNEATTNITETT
VKFTSTSVITSVYGNTNSSVQSQTSVISTVFTTPANVSTPETTLKPSLSPGNVSDLSTTSTSLATSPTKPYTSSSPILSDIKAEIKCS
GIREVKLTQGICLEQNKTS SCAEFKKDRGEGLARVLCGEEQADADAGAQC SLLLAQSEVRPQCLLLVLANRTEISSKLQL
MKKHQSDLKKGILDFTEQDVASHQSYSQKT

纯度: > 95% by HPLC

浓度: 0.25 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.