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32-20642: Recombinant Human sCD34(Discontinued)

Alternative Name : soluble CD34, Hematopoietic progenitor cell antigen CD34

Description

Source:CHO cells
CD34 is a highly glycosylated type I membrane protein that is selectively expressed on hematopoietic stem cells and vascular endothelium. It has been widely used as a molecular marker for the identification, isolation, and manipulation of hemopoietic stem cells and progenitors. CD34 can function as a regulator of hemopoietic cell adhesion by mediating the attachment of stem cells to bone marrow stromal cells or other bone marrow components. The full length human CD34 is a 385 amino acid protein, consisting of a 31 amino acid signal sequence, a 74 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain and a 259 amino acid extracellular domain. Recombinant Human sCD34 is a 258 amino acid polypeptide containing only the extracellular domain of the full length CD34 protein. The calculated molecular weight of Recombinant Human sCD34 is 27.4 kDa.

Product Info

Amount : 5 µg / 20 µg
Purification : Purity:>= 95% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : LDNNGTATPE LPTQGTFSNV STNVSYQETT TPSTLGSTSL HPVSQHGNEA TTNITETTVK FTSTSVITSV YGNTNSSVQS QTSVISTVFT TPANVSTPET TLKPSLSPGN VSDLSTTSTS LATSPTKPYT SSSPILSDIK AEIKCSGIRE VKLTQGICLE QNKTSSCAEF KKDRGEGLAR VLCGEEQADA DAGAQVCSLL LAQSEVRPQC LLLVLANRTE ISSKLQLMKK HQSDLKKLGI LDFTEQDVAS HQSYSQKT

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