

32-13103: CD34 Human, Sf9

Alternative Name : CD34 molecule, Hematopoietic progenitor cell antigen CD34, CD34 Antigen, CD34.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

CD34 is a single chain transmembrane glycoprotein which is selectively expressed on human lymphoid and myeloid hemopoietic progenitor cells. CD34 has been used to measure angiogenesis, which reportedly predicts tumor recurrence.

CD34 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 268 amino acids (32-290a.a.) and having a molecular mass of 28.6kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CD34 is fused with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : CD34 protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : ADLSLDNNGT ATPELPTQGT FSNVSTNVSY QETTTTPSTLG STSLHPVSQH GNEATTNITE TTVKFTSTSV
ITSVYGNTNS SVQSQTSVIS TVFTTPANVS TPETTLKPSL SPGNVSDLST TSTSLATSPT KPYTSSSPIL
SDIKAEIKCS GIREVKLTQG ICLEQNKTSS CAEFKKDRGE GLARVLCGEE QADADAGAQV CSLLLAQSEV
RPQCLLLVLA NRTEISSKLQ LMKKHQSDLK KLGILDFTEQ DVASHQSYSQ KTHHHHHH.