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Datasheet for ABIN7519778

CD34 Protein (CD34) (Fc Tag,His tag)

Overview

Quantity:	10 µg
Target:	CD34
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD34 protein is labelled with Fc Tag,His tag.

Product Details

Purpose:	Recombinant Human CD34 Protein
Sequence:	SLDNNGTATP ELPTQGTFNS VSTNVSQYQET TTPSTLGSTS LHPVSQLHGNE ATTNITETTV KFTSTSVITS VYGNTNSSVQ SQTSVISTVF TTPANVSTPE TTLKPSLSPG NVSDLSTTST SLATSPTKPY TSSSPILSDI KAEIKCSGIR EVKLTQGICL EQNKTSSCAE FKKDRGEGLA RVLCGEEQAD ADAGAQVCSL LLAQSEVRPQ CLLLVLNART EISSKLQLMK KHQSDLKKLG ILDFTEQDVA SHQSYSQKT
Specificity:	Ser32-Thr290
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	CD34
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Target Details

Alternative Name: CD34 ([CD34 Products](#))

Background: Description: The CD34 protein is a member of a family of single-pass transmembrane sialomucin proteins that show expression on early hematopoietic and vascular-associated tissue. CD34 is also an important adhesion molecule and is required for T cells to enter lymph nodes. It is expressed on lymph node endothelia whereas the L-selectin to which it binds is on the T cell. It was indicated that CD34 is a phosphorylation target for activated PKC, and couples to the hematopoietic adapter protein CrkL, which were involved in CD34 signaling pathways. CD34 is aberrantly expressed in many kinds of tumors and is implicated in leukemogenesis.

Name: CD34, CD34 Molecule,CD34 Molecule,GIG3,MORT1

Gene ID: 947

UniProt: [P28906-1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.