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Datasheet for ABIN7539304

**CD34 Protein (CD34) (Soluble) (His tag)**

## Overview

Quantity:	5 µg
Target:	CD34
Protein Characteristics:	Soluble
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD34 protein is labelled with His tag.

## Product Details

Purpose:	CD34, soluble
Sequence:	SLDNNGTATP ELPTQGTFNS VSTNVSQYQET TTPSTLGSTS LHPVSQHGNE ATTNITETTV KFTSTSVITS VYGNTNSSVQ SQTSVISTVF TTPANVSTPE TTLKPSLSPG NVSDLSTTST SLATSPTKPY TSSSPILSDI KAEIKCSGIR EVKLTQGICL EQNKTSSCAE FKKDRGEGLA RVLCGEEQAD ADAGAQCSSL LLAQSEVRPQ CLLLVLANRT EISSKLQLMK KHQSDLKKLK ILDFTEQDVA SHQSYSQKTL EHHHHHHH
Specificity:	Chromosomal location:1q32
Characteristics:	Length (aa):267
Purity:	> 95 % by SDS-PAGE

## Target Details

Target:	CD34
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## Target Details

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

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Background: CD34,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.

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Molecular Weight: 28.6 kDa

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Gene ID: 947

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NCBI Accession: [NM\\_001773, NP\\_001764](#)

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UniProt: [P28906](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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