

Datasheet for ABIN5854710
CD34 Protein (CD34) (AA 32-290) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CD34
Protein Characteristics:	AA 32-290
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD34 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADLSLDNNGT ATPELPTQGT FSNVSTNVS Y QETTPSTLG STSLHPVSQH GNEATTNITE TTVKFTSTSV ITS VYGN TNS SVQSQTSVIS TVFTTPANVS TPETTLKPSL SPGNVSDLST TSTSLATSPT KPYTSSSPIL SDIKAEIKCS GIREVKLTQG ICLEQNK TSS CAEFKKDRGE GLARVLCGEE QADADAGA QV CSLLLAQSEV RPQC LLLVLA NRTEISSKLQ LMKKHQSDLK KLGILDFTEQ DVASHQSYSQ KTHHHHHH
Purity:	> 95 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	CD34
Alternative Name:	CD34 (CD34 Products)

Target Details

Background: CD34, also known as hematopoietic progenitor cell antigen CD34 isoform b, is a member of a family of single-pass transmembrane sialomucin proteins. It is an adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. This protein could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Recombinant human CD34, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 28.6kDa (268aa) 40-57KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_001764](#)

UniProt: [P28906](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

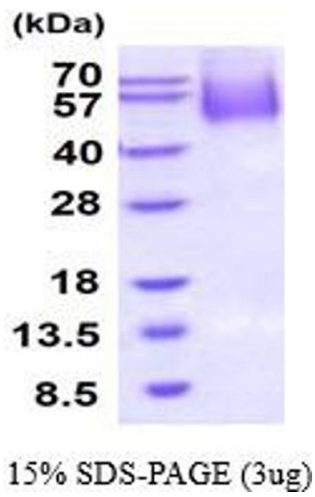
Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.