

Recombinant Human CD34 Protein, DYKDDDDK-tagged

Cat. No. CD34-151H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD34 molecule(CD34), transcript variant 2(NM_001773), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
Description	Possible 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. 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. Presents carbohydrate ligands to selectins.
Form	Purified protein formulated in a sterile solution of TBS buffer, pH7.161, without any preservatives.
Molecular Mass	34.8 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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GENE INFORMATION

Gene Name	CD34 CD34 molecule [Homo sapiens]
Official Symbol	CD34
Synonyms	CD34; CD34 molecule; CD34 antigen; hematopoietic progenitor cell antigen CD34;
Gene ID	947
mRNA Refseq	NM_001025109
Protein Refseq	NP_001020280
MIM	142230
UniProt ID	P28906

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