

## Recombinant Human CD34 protein

Cat. No. CD34-266H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD34, transcript variant 1, was expressed in CHO.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Description</b>	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.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>Molecular Mass</b>	27 kDa
<b>AA Sequence</b>	LDNNGTATPELPTQGTFNSVSTNVSQYQETTTTPSTLGSTSLHPVSQHGNEATTNITET TVKFTSTSVITSVYGNTNSSVQSQTSVISTVFTTPANVSTPETTLKPSLSPGNVSDLS TTSTSLATSPTKPYTSSSPILSDIKAEIKCSGIREVKLTQGICLEQNKTS SCAEFKKDR GEGLARVLCGEEQADADAGAQVCSLLLAQSEVRPQCLLLVLANRTEISSKLQLMKK HQSDLKKGILDFTEQDVASHQSYSQKT
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** Resuspend the protein in the desired concentration in proper buffer

## 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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