



Recombinant Human CD34 Extracellular Domain

(rhCD34)

Catalog Number: 01-0008

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-selection to which it binds is on the T cell. CD34 antigen expression is highest in the most primitive stem cells and is gradually lost as lineage committed progenitors differentiate. The CD34 antigen is also present on capillary endothelial cells and on bone marrow stromal cells. CD34 molecule has a receptor-like structure which can pass the signal of the same type of cell aggregation.
AA sequence	SLDNNGTATPELPTQGTFNSVSTNVSQYQETTTTPSTLGSTSLHPVSQHGNEATTNITETTV KFTSTSVITSVYGNTNSSVQSQTSTVISTVFTTPANVSTPETTLKPSLSPGNVSDLSTTST SLATSPTKPYTSSSPILSDIKAEIKCSGIREVKLTQGICLEQNKTSSCAEFKKDRGEGLA RVLCGEEQADADAGAQCVCLLLAQSEVRPQCLLLVLANRTEISSKLQLMKKHQSDLKKLK ILDFTEQDVASHQSYSQKT
Source	<i>Escherichia coli</i>
Molecular Weight	Approximately 27.5 kDa, a single non-glycosylated polypeptide chain containing 259 amino acids.
Purity	>98% by SDS-PAGE
Physical Appearance	White lyophilized powder or solution
Formulation	Lyophilized from a 0.2 μm filtered concentrated solution with PBS, 0.15M NaCl, pH 7.4
Reconstitution	Reconstitute in sterile distilled water containing 0.1% BSA to a concentration of 0.1-1.0mg/ml.
storage	Store at -20 °C after receiving. Upon reconstitution, store at 2-8 °C for up to two weeks. For maximal stability, aliquot and store at -20 °C. Avoid repeated freeze/ thaw cycles.
价格	RMB 1512 /10 μg; RMB 6048 /50 μg
Usage	*This product is for research use only.