

## sCD34, Human Recombinant

<b>CATALOG NO:</b>	P1286-5, 20	5 µg, 20 µg
<b>ALTERNATE NAMES:</b>	Soluble CD34, Hematopoietic progenitor cell antigen CD34	
<b>SOURCE:</b>	CHO cells	
<b>PURITY:</b>	≥ 95% by SDS-PAGE gel	
<b>MOL. WEIGHT:</b>	27.4 kDa	
<b>FORM:</b>	Lyophilized	
<b>STORAGE CONDITIONS:</b>	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	
<b>RECONSTITUTION:</b>	DI water (~1 mg/ml)	

**DESCRIPTION:** 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.

### RELATED PRODUCTS:

- Human CellExp™ sCD14, Human Recombinant (**Cat. No. 7122**)
- sCD22, Human Recombinant (**Cat. No. 7123**)
- sCD14, Human Recombinant (**Cat. No. 7122**)
- sCD22, Human Recombinant (**Cat. No. 7123**)
- sCD23, Human Recombinant (**Cat. No. 7124**)
- sCD27 Ligand, Human Recombinant (**Cat. No. 7125**)
- sCD30 Ligand, Human Recombinant (**Cat. No. P1285**)
- sCD100/Semaphorin-4D, Human Recombinant (**Cat. No. 7126**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**