

## Recombinant Human CD34

**Cat. No.** CD34-27867TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human CD34; amino acids 1-385, 41kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-385 a.a.
<b>Description</b>	The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene.
<b>Tissue specificity</b>	Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.
<b>Form</b>	Liquid
<b>Purity</b>	Purified via GST Tag
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5 BSA and Azide free
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Sequence Similarities</b>	Belongs to the CD34 family.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD34 CD34 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD34
<b>Synonyms</b>	CD34; CD34 molecule; CD34 antigen; hematopoietic progenitor cell antigen CD34;
<b>Gene ID</b>	947
<b>mRNA Refseq</b>	NM_001025109
<b>Protein Refseq</b>	NP_001020280
<b>MIM</b>	142230
<b>Uniprot ID</b>	P28906
<b>Chromosome Location</b>	1q32
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem;
<b>Function</b>	carbohydrate binding; sulfate binding;

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