

Recombinant Human CD34

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

SPECIFICATION

Product Overview	Recombinant full length human CD34; amino acids 1-385, 41kDa.
Species	Human
Source	E.coli
ProteinLength	1-385 a.a.
Description	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.
Tissue specificity	Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.
Form	Liquid
Purity	Purified via GST Tag
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5 BSA and Azide free
Storage	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  Fax: 1-631-938-8127

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

Sequence Similarities	Belongs to the CD34 family.
Full Length	Full L.
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
Chromosome Location	1q32
Pathway	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;
Function	carbohydrate binding; sulfate binding;

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