

Recombinant Full Length Human CD34 Protein, GST-tagged

Cat. No. CD34-3163HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CD34 full-length ORF (NP_001764.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	328 amino acids
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. [provided by RefSeq, Aug 2011]
Molecular Mass	61.71 kDa
AA Sequence	MLVRRGARAGPRMPRGWTALCLLSLLPSGFMSLDNNGTATPELPTQGTFNSVSTN VSYQETTTTPSTLGGSTSLHPVVSQHGNEATTNITETTvkftstsvitsvygntnssvqsq TSVISTVFTTPANVSTPETTLKPSLSPGNVSDLSTTSTSLATSPTKPYTSSSPILSDIKA EIKCSGIREVKLTQGICLEQNKTSSCAEFKDRGEGLARVLCGEEQADADAGAQVCS LLLAQSEVRPQCLLLVLANRTEISSKLQLMKKHQSDLKKGILDFTEQDVASHQSYSQ KTLIALVTSGALLAVLGITGYFLMNRRSWSPTGERLELEP
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution 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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