

## Recombinant Human CD34 Protein, GST-Tagged

**Cat. No.** CD34-0792H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CD34 full-length ORF (NP_001764.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<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. [provided by RefSeq, Aug 2011]
<b>Molecular Mass</b>	61.71 kDa
<b>AA Sequence</b>	MLVRRGARAGPRMPRGWTALCLLSLLPSGFMSLDNNGTATPELPTQGTFNSVSTN VSYQETTTTPSTLGSTSLHPVSQLHGNEATTNITETTvkftstsvitsvygntnssvqsq TSVISTVFTTPANVSTPETTLKPSLSPGNVSDLSTTSTSLATSPTKPYTSSSPILSDIKA EIKCSGIREVKLTQGICLEQNKTSSCAEFKKDRGEGELARVLCGEEQADADAGAQVCS LLLAQSEVRPQCLLLVLNARTEISSKLQLMKKHQSDLKKGILDFTEQDVASHQSYSQ KTLIALVTSGALLAVLGITGYFLMNRRSWSPTGERLELEP
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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## Protein Array

<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<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

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