

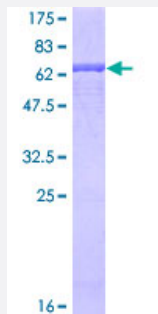
Full-Length

CD34 (Human) Recombinant Protein (P01)

Catalog # H00000947-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CD34 full-length ORF (NP_001764.1, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLVRRGARAGPRMPRGWTALCLLSLLPSGFMSLDNNGTATPELPTQGTFSNVSTNVSYQETTP
STLGSTSLHPVSQLHGNEATTNITETTVKFTSTSVITSVYGNTNSSVQSQTSTVFTTPANVSTPET
TLKPSLSPGNVSDLSTTSTSLATSPTKPYTSSSPILSDIAEKCSGIREVKLTQGICLEQNKTS
EKKDRGEGLARVLCGEEQADADAGAQCSCLLLAQSEVRPQCCLLVLANRTEISSKLQLMKKHQ
SDLKKLGILDFTEQDVASHQSYSQKTLIALVTSGALLAVLGITGYFLMNRRSWSPPTGERLELEP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.71

Interspecies Antigen Sequence

Mouse (59); Rat (57)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD34

Entrez GeneID[947](#)**GeneBank Accession#**[NM_001773.1](#)**Protein Accession#**[NP_001764.1](#)**Gene Name**

CD34

Gene Alias

-

Gene Description

CD34 molecule

Omim ID[142230](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.[supplied by OMIM]

Other Designations

CD34 antigen|OTTHUMP00000034733|OTTHUMP00000034734|hematopoietic progenitor cell antigen CD34

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

- [Hematopoietic cell lineage](#)

Disease

- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis C](#)
- [Liver Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)