Bioactive

CD34 (Human) Recombinant Protein

Catalog # P6342 Size 100 ug

Specification

Product Description	Human CD34 (P32971) recombinant protein expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	50
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Measured by the ability to support the adhesion of the HUVEC cell line. Coated plates with immobilized recombinant Human CD34 (0.8 ug/mL) are able to adhere 40% of cells (4 x 10^4 cells/well) after one hour at 37°C.
Storage Buffer	Lyophilized from 0.2 um filtered PBS solution, pH7.2.
Storage Instruction	Stored at -20°C to-80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Western Blot

Gene Info — CD34

Entrez GeneID	947

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Protein Accession#	P28906
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

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