

Cynomolgus CD34 Protein

Cat. No. CD3-CM134



Description	
Source	Recombinant Cynomolgus CD34 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Asn39-Thr295.
Accession	A0A2K5UCU4
Molecular Weight	The protein has a predicted MW of 28.37 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
CD34 is a transmembrane phosphoglycoprotein, first identified on hematopoietic stem and progenitor cells. Clinically, it is associated with the selection and enrichment of hematopoietic stem cells for bone marrow transplants. Due to these historical and clinical associations, CD34 expression is almost ubiquitously related to hematopoietic cells, and it is a common misconception that CD34-positive (CD34(+)) cells in nonhematopoietic samples represent hematopoietic contamination.	

Assay Data

Bis-Tris PAGE



Cynomolgus CD34 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.