

Recombinant Rat Cd34 protein(Met1-Thr291), hFc-tagged

Cat. No. Cd34-7475R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD34 (B1PLB1) (Met1-Thr291) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Thr291
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat CD34/Fc is a disulfide-linked homodimer. The reduced monomer comprises 496 amino acids and has a predicted molecular mass of 54.5 kDa. The apparent molecular mass of the protein is approximately 112 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Cd34 CD34 molecule [Rattus norvegicus]
Official Symbol	Cd34
Synonyms	CD34; CD34 molecule; hematopoietic progenitor cell antigen CD34; CD34 antigen;
Gene ID	305081
mRNA Refseq	NM_001107202
Protein Refseq	NP_001100672

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