

Active Recombinant Human CD34 protein, His-tagged

Cat. No. CD34-652H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD34 protein(P28906-1)(Ser32-Thr290) is expressed from Expi293 with His tag at the C-terminal.
Species	Human
Source	HEK293
ProteinLength	Ser32-Thr290
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD34, His Tag at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Anti-CD34 Antibody, hFc Tag with the EC50 of 16.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 28.6 kDa. Due to glycosylation, the protein migrates to 90-130 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >95% as determined by SEC-MALS.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.

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'-20 to -80°C for 3-6 months in unopened state after reconstitution.
 2-8°C for 2-7 days after reconstitution.
 Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

Reconstitution Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.

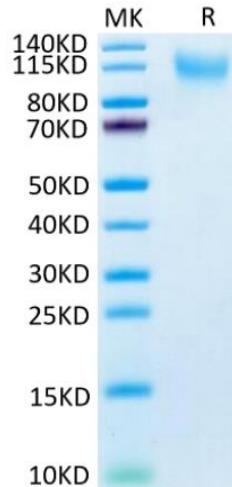
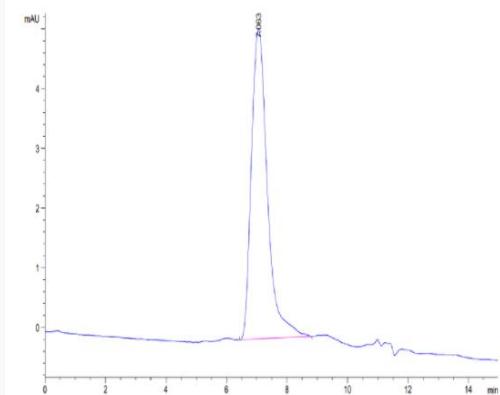
GENE INFORMATION

Gene Name	CD34 CD34 molecule [<i>Homo sapiens</i>]
Official Symbol	CD34
Synonyms	CD34; CD34 molecule; CD34 antigen; hematopoietic progenitor cell antigen CD3
Gene ID	947
mRNA Refseq	NM_001025109
Protein Refseq	NP_001020280
MIM	142230
UniProt ID	P28906

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Tris-Bis PAGE**SEC-HPLC**

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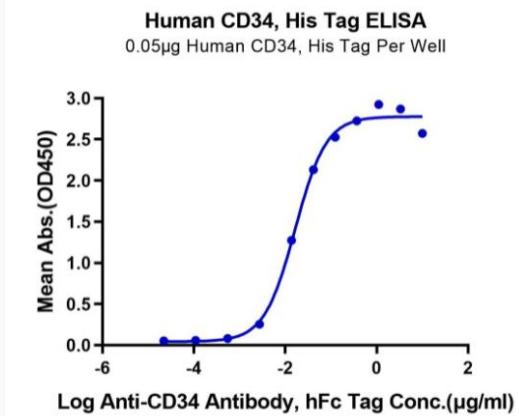
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ELISA Data



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