

Active Recombinant Human CD34 protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Active Recombinant Human CD34 protein(P28906-1)(Ser32-Thr290) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	32-290 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human CD34, His Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD34 Antibody, hFc Tag with the EC50 of 6.9ng/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 Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CD34 CD34 molecule [Homo sapiens]

Official Symbol CD34

Synonyms CD34; CD34 molecule; CD34 antigen; hematopoietic progenitor cell antigen CD34;

Gene ID 947

mRNA Refseq NM_001025109

Protein Refseq NP_001020280

MIM 142230

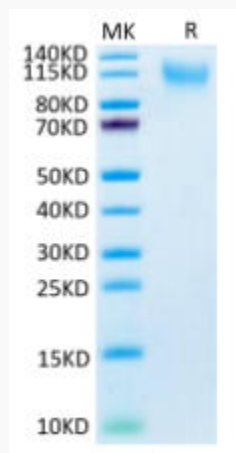
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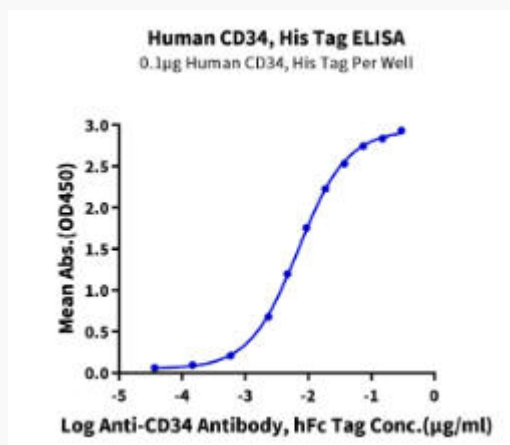
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Bis-Tris PAGE



ELISA Data



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