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

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

SPECIFICATION

Product Overview	Recombinant Human CD34 protein(P28906-1)(Ser32-Thr290), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	32-290 aa
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
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	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

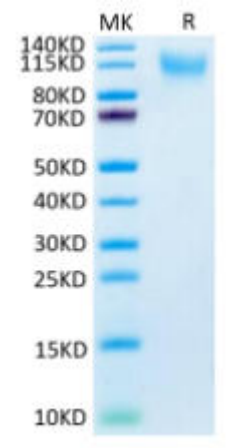
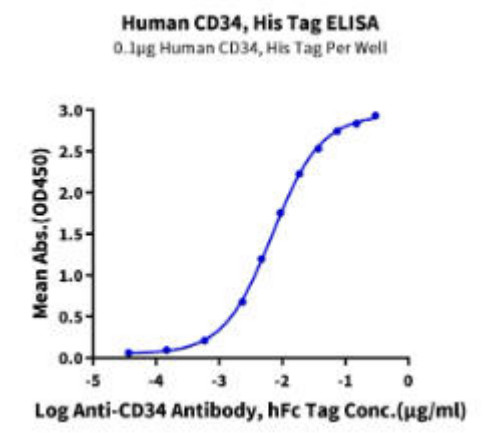
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal 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
UniProt ID	P28906

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Bis-Tris PAGE	
ELISA Data	

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