

Active Recombinant Human CD300A protein, hFc-tagged, Low Endotoxin

Cat. No. CD300A-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD300A protein(Q9UGN4-1)(Leu18-Pro180), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	18-180 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 CD300A, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CD300A Antibody, hFc Tag with the EC50 of 57.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44.4 kDa. Due to glycosylation, the protein migrates to 60-75 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; > 95% 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

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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 CD300A CD300a molecule [Homo sapiens]

Official Symbol CD300A

Synonyms CD300A; CD300a molecule; CD300a antigen; CMRF35-like molecule 8; CMRF 35 H9; CMRF35H; IGSF12; IRC1; IRC2; Irp60; NK inhibitory receptor; leukocyte membrane antigen; inhibitory receptor protein 60; CD300 antigen-like family member A; immunoglobulin superfamily member 12; CMRF35H leukocyte immunoglobulin-like receptor; CLM-8; IRp60; CMRF-35H; CMRF35-H; CMRF35H9; CMRF35-H9; IRC1/IRC2; CMRF-35-H9;

Gene ID 11314

mRNA Refseq NM_001256841

Protein Refseq NP_001243770

MIM 606790

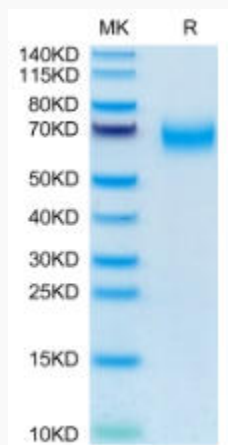
UniProt ID Q9UGN4

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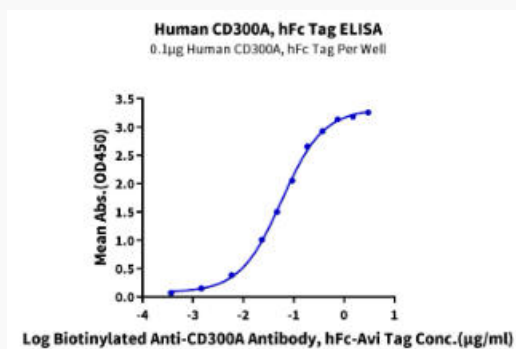
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Bis-Tris PAGE



ELISA Data



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