

# Recombinant Human CD300A Protein, Fc/HIS-tagged

Cat. No. CD300A-054H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD300A fused with Fc/HIS tag at N-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the CD300 glycoprotein family of cell surface proteins found on leukocytes involved in immune response signaling pathways. This gene is located on chromosome 17 in a cluster with all but one of the other family members. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
<b>Molecular Mass</b>	45.4kD
<b>AA Sequence</b>	<pre> LSKCRTVAGPVGGSLSVQCPEYKEHRTLNKYWCRPPQIFLCKIVETKGSAGKRNG RVSIRDSPANLSFTVTLENLTEEDAGTYWCGVDTPWLRDFHDPVVEVEVSVPAST SMTPASITAAKTSTITTAFFPPVSSTTLFAVGATHSASIQEETEEVNSQVDDIEGRMD EPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPE VKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKA LPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESN GQPENNYKTTTPVLDSGFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQK SLSLSPGKHHHHHHH* </pre>

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<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD300A CD300a molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD300A
<b>Synonyms</b>	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;
<b>Gene ID</b>	11314
<b>mRNA Refseq</b>	NM_001256841
<b>Protein Refseq</b>	NP_001243770
<b>MIM</b>	606790
<b>UniProt ID</b>	Q9UGN4

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