

Recombinant Human CD300A Protein, Fc-tagged

Cat. No. CD300A-147H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CD300A protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	299
Description	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.
Form	Lyophilized
Molecular Mass	44 kDa
AA Sequence	MWLPWALLLLWVPGCFALSKCRTVAGPVGGSLSVQCPYEKEHRTLNKYWCRPPQI FLCDKIVETKGSAGKRNGRVSIRDSPANLSFTVTLENLTEEDAGTYWCGVDTPWLR DFHDPVVEVEVSVFPASTSMTPASITAAKTSTITTAFFPPVSSTTLFAVGATHSASIQEE TEEVVNSQLPLLLSLLALLLLLLLVGASLLAWRMFQKWIKAGDHSELSQNPKQAATQS ELHYANLELLMWPLQEKPAPPREVEVEYSTVASPREELHYASVVFDSNTNRIAAQRP REEEPDSDYSVIRKT

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	CD300A CD300a molecule [Homo sapiens (human)]
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;

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Gene ID	11314
mRNA Refseq	NM_001256841
Protein Refseq	NP_001243770
MIM	606790
UniProt ID	Q9UGN4

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