

Recombinant Human CD300C

Cat. No. CD300C-7729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD300C is produced with our mammalian cells expression system in HEK293. The target protein is expressed with sequence (Gly21Arg183) of Human CD300C.
Species	Human
Source	HEK293
Description	CD300C is a singlepass type I membrane protein which belongs to the immunoregulatory signaling (IRS) family. CD300C contains one Iglike Vtype domain and is present on the surface of natural killer cells, granulocytes, most myeloid cells, dendritic cells, and a subpopulation of T and B lymphocytes. The CD300C (CMRF35A) and CD300A (CMRF35H) molecules are homologous leukocyte surface proteins. CD300a and CD300C play an important role in the crossregulation of TNF alpha and IFNalpha secretion from pDCs. CD300A and CD300C are indistinguishable on the surface of NK cells. The ligand for CD300C is presently unknown.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2
AA Sequence	GYFPLSHPMT VAGPVGGSLV VQCRYEKEHR TLNKFWRPP QILRCDKIVE TKGSAGKRNG RVSIRDSPA NLSFTVTLEN LTEEDAGTYW CGVDTPWLRD FHDPIVEVEV SVFPAGTTTA S SPQSSMGT SGPPTKLPVH TWPSVTRKDS PEPSPHPGSL FSNVRVDHHH HHH*
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks.Reconstituted protein solution can be stored at 4-7°C. for 2-7 days.Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.
GENE INFORMATION	
Gene Name	CD300C CD300c molecule [Homo sapiens]
Official Symbol	CD300C
Synonyms	CD300C; CD300c molecule; CD300c antigen; CMRF35-like molecule 6; CMRF 35A; CMRF35; CMRF35A; IGSF16; LIR; CMRF35 antigen; CD300 antigen-like family member C; immunoglobulin superfamily member 16; CMRF35 leukocyte immunoglobulin-like receptor; CMRF35A leukocyte immunoglobulin-like receptor; CLM-6; CMRF-35; CMRF-35A; CMRF35A1; CMRF35-A1;
Gene ID	10871
mRNA Refseq	NM_006678
Protein Refseq	NP_006669
MIM	606786
UniProt ID	Q08708
Chromosome Location	17q25.2

Function

receptor activity; transmembrane signaling receptor activity;

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