Recombinant Human CD300C protein, His-tagged

Cat. No. CD300C-138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD300C(29-183aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	29-183 a.a.
Description	CD300C, also known as CMRF35-like molecule 6, is a type I transmembrane glycoprotein that belongs to the immune regulatory signaling (IRS) family of molecules within the immunoglobulin (Ig) superfamily. It is present on the surface of natural killer cells, granulocytes, most myeloid cells, dendritic cells, and a subpopulation of T and B lymphocytes. This protein regulates a diverse array of cell processes via their triggering and inhibitory receptor functions.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	18.0kDa (163aa) 28-40KDa (SDS-PAGE under reducing conditions.)
AA Sequence	MTVAGPVGGS LSVQCRYEKE HRTLNKFWCR PPQILRCDKI VETKGSAGKR NGRVSIRDSP ANLSFTVTLE NLTEEDAGTY WCGVDTPWLR DFHDPIVEVE VSVFPAGTTT ASSPQSSMGT SGPPTKLPVH TWPSVTRKDS PEPSPHPGSL FSNVRLEHHH HHH

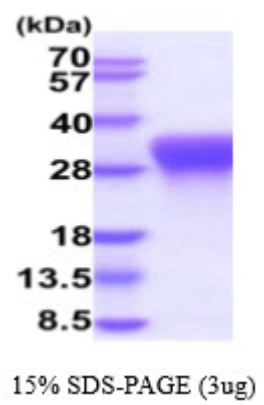
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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	> 95% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Absorbance at 280nm)

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

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UniProt ID	Q08708
Chromosome Location	17q25.2
Function	receptor activity; transmembrane signaling receptor activity;
	 15% SDS-PAGE (3ug)

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