Recombinant Human CD300c protein, T7/His-tagged

Cat. No. CD300c-73H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CD300c cDNA (21 – 183 aa, derived from BC022279) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-183 a.a.
Form	0.4 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFGYFPLSHPMTVAGPVGGSLSVQCR YEKEHRTLNKFWCRPPQILRCD KIVETKGSAGKRNGRVSIRDSPANLSFTVTLENLT EEDAGTYWCGVDTPWLRDFHDPIVEVEVSVFPAGTTTASS PQSSMGTSGPPTKLP VHTWPSVTRKDSPEPSPHPGSLFSNVR
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro non-glycosylated CD300c protein mediated TH1 and TH17 cell function regulation with this protein as either coating matrix protein or soluble factor.2. May be used for CD300c protein-protein interaction assay.3. As enzymatic substrate for various proteases.4. As potential biomarker protein for differentiating patients with ulcerative colitis in Crohn"s disease from non-inflammatory diarrhea.5. As antigen for specific antibody production.

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Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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 leuko
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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