

Recombinant Human CD300e molecule, His-tagged

Cat. No. CD300E-639H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD300E, 18-173aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	18-173 a.a.
Description	CMRF35-like molecule 2 precursor, also known as CD300E, is a 205 amino acid single-pass type I membrane protein that contains one Ig-like V-type (immunoglobulin-like) domain and belongs to the CD300 family. Interacting with DAP12, CD300E most likely functions as an activating receptor. CD300E is present on the surface of mature hematopoietic cells of the monocyte and myeloid lineages. Recombinant human CD300E protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0)
Molecular Mass	19.9kDa (179aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSLKGPGSV TGTAGDSLTV WCQYESMYKG YNKYWCRGQY DTSCESIVET KGEEKVERNG RVSIRDHPEA LAFTVTMQNL NEDDAGSYWC KIQTWVLDS WSRDPSDLVR VYVSPAITTP RRTTHPATPP IFLVNPNPGRN LSTGEVLTQN SGFRLSSPH

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CD300E CD300e molecule [Homo sapiens]
Official Symbol	CD300E
Synonyms	CD300E; CD300e molecule; CD300 antigen like family member E , CD300e antigen , CD300LE; CMRF35-like molecule 2; CLM2; IREM2; CD300e antigen; poly-Ig receptor 2; CD300 antigen like family member E; CD300 antigen-like family member E; polymeric immunoglobulin receptor 2; immune receptor expressed on myeloid cells 2; CLM-2; PIgR2; IREM-2; PIgR-2; CD300LE; CMRF35-A5;
Gene ID	342510
mRNA Refseq	NM_181449
Protein Refseq	NP_852114
MIM	609801
UniProt ID	Q496F6
Chromosome Location	17q25.1

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Function

receptor activity;

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