

## Recombinant Human CD300e molecule, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	CD300E, 18-173aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	18-173 a.a.
<b>Description</b>	<p>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.</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0)
<b>Molecular Mass</b>	19.9kDa (179aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSLKGP GSV TG TAGDSLTV WCQYESMYKG          YNKYWCRGQY DTSCESIVET KGEEKVERNG RVSIRDHPEA LAFTVTMQNL          NEDDAGSYWC KIQTVWV LDS WSRDPSDLVR VYVSPAITTP RRTTHPATPP          IFLVVNPGRN LSTGEVLTQN SGFRLSSPH</p>

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>90% by SDS - PAGE
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	CD300E CD300e molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD300E
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">342510</a>
<b>mRNA Refseq</b>	<a href="#">NM_181449</a>
<b>Protein Refseq</b>	<a href="#">NP_852114</a>
<b>MIM</b>	<a href="#">609801</a>
<b>UniProt ID</b>	<a href="#">Q496F6</a>
<b>Chromosome Location</b>	17q25.1

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**Function**

receptor activity;

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