

# Recombinant Human CD300LF Protein, His&GST-tagged

Cat. No. CD300LF-1268H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD300LF Protein (Thr20-Ser156) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr20-Ser156
<b>Description</b>	This gene encodes a member of the CD300 protein family. Members of this family are cell surface glycoproteins with a single IgV-like extracellular domain, and are involved in the regulation of immune response. The encoded protein is an inhibitory receptor. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 45.5 kDa Accurate Molecular Mass: 46 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

CD300LF CD300 molecule like family member f [ Homo sapiens (human) ]

**Official Symbol**

CD300LF

**Synonyms**

CD300LF; CD300 molecule like family member f; CLM1; NKIR; CLM-1; IREM1; LMIR3; CD300f; IREM-1; IgSF13; CMRF35-like molecule 1; CD300 antigen-like family member F; NK inhibitory receptor; immune receptor expressed on myeloid cells 1; immunoglobulin superfamily member 13; immunoglobulin superfamily member 13; inhibitory receptor IREM1

**Gene ID**

146722

**mRNA Refseq**

NM\_001289082

**Protein Refseq**

NP\_001276011

**MIM**

609807

**UniProt ID**

Q8TDQ1

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