

Recombinant Human CD300A Protein, His&GST-tagged

Cat. No. CD300A-1266H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD300A Protein (Gln35-Ser274) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln35-Ser274
Description	This gene encodes a member of the CD300 glycoprotein family of cell surface proteins found on leukocytes involved in immune response signaling pathways. This gene is located on chromosome 17 in a cluster with all but one of the other family members. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.7 kDa Accurate Molecular Mass: 57 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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

CD300A CD300a molecule [Homo sapiens (human)]

Official Symbol

CD300A

Synonyms

CD300A; CD300a molecule; IRC1; IRC2; CLM-8; IRp60; IGSF12; CMRF35H; CMRF-35H; CMRF35-H; CMRF35H9; CMRF35-H9; IRC1/IRC2; CMRF-35-H9; CMRF35-like molecule 8; CD300 antigen-like family member A; CD300a antigen; CMRF35H leukocyte immunoglobulin-like receptor; NK inhibitory receptor; immunoglobulin superfamily member 12; inhibitory receptor protein 60; leukocyte membrane antigen

Gene ID

11314

mRNA Refseq

NM_001256841

Protein Refseq

NP_001243770

MIM

606790

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UniProt ID

Q9UGN4

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