

Recombinant Mouse Cd300a Protein, His&GST-tagged

Cat. No. Cd300a-2760M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd300a Protein (Gly39-Gln284) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly39-Gln284
Description	Enables phosphatase binding activity. Acts upstream of or within negative regulation of secretion by cell; receptor-mediated endocytosis; and serotonin secretion by mast cell. Located in plasma membrane. Is expressed in testis. Orthologous to human CD300A (CD300a molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.7 kDa Accurate Molecular Mass: 61 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 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

Cd300a CD300A molecule [*Mus musculus* (house mouse)]

Official Symbol

Cd300a

Synonyms

Cd300a; CD300A molecule; Clm8; LMIR1; MMAC8; Pigr4; MAIR-1; MAIR-I; mcpir1; MAIR-Ia; B230315M08Rik; CMRF35-like molecule 8; CD300 antigen-like family member A; CD300A antigen; leukocyte mono-Ig-like receptor 1; mast cell-derived paired immunoglobulin-like receptor 1; myeloid-associated immunoglobulin-like receptor 1; polymeric immunoglobulin receptor 4

Gene ID

217303

mRNA Refseq

NM_170758

Protein Refseq

NP_739564

UniProt ID

Q6SJQ0

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