

Recombinant Mouse Cd300a, Fc tagged

Cat. No. Cd300a-5168M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd300a (Q6SJK0-1) extracellular domain (Met 1-Arg 183), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	Met 1-Arg 183
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant mouse CD300A/Fc is a disulfide-linked homodimer. The reduced monomer comprises 397 amino acids and has a predicted molecular mass of 44.2 kDa. The apparent molecular mass of rmCD300A/Fc monomer is approximately 55-65 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Cd300a CD300A antigen \[Mus musculus \]](#)

Official Symbol [Cd300a](#)

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

Gene ID [217303](#)

mRNA Refseq [NM_170758](#)

Protein Refseq [NP_739564](#)

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