

Recombinant Mouse CD302 Protein, Fc-tagged

Cat. No. CD302-890M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant extracellular domain of mouse CD302 isoform 2 (Q9DCG2-2) (Met 1-His 156) was fused with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-156 a.a.
Predicted N Terminal	Asp 21
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse CD302/Fc is a disulfide-linked homodimer. The reduced monomer comprises 377 amino acids and has a calculated molecular mass of 42.6 kDa. As a result of glycosylation, the apparent molecular mass of rmCD302/Fc monomer is approximately 48 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>93 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	Cd302 CD302 antigen [<i>Mus musculus</i>]
Official Symbol	CD302
Synonyms	C-type lectin domain family 13 member A; type I transmembrane C-type lectin receptor DCL-1
Gene ID	66205
mRNA Refseq	NM_001290660
Protein Refseq	NP_001277589
MIM	
UniProt ID	Q9DCG2
Chromosome Location	2; 2 C1.1
Function	carbohydrate binding