

Recombinant Mouse CD302 Protein, His-tagged

Cat. No. CD302-891M **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 a polyhistidine tag 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 comprises 147 amino acids and has a calculated molecular mass of 17 kDa. As a result of glycosylation, the apparent molecular mass of rmCD302 is approximately 23 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.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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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 [*Mus musculus*]

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

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