

Recombinant Mouse Cd320 Protein, Fc-tagged

Cat. No. Cd320-979M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse CD320 (NP_062294.3) (Met1-Gly208) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-208 a.a.
Predicted N Terminal	Ala 29
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse CD320 comprises 421 amino acids and has a predicted molecular mass of 46.5 kDa. The apparent molecular mass of the protein is approximately 72.5 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % 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 aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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 Cd320 CD320 antigen [Mus musculus]

Official Symbol Cd320

Synonyms 8D6; NG29; VLDL; TCbIR; 425O18-1; D17Ert716e; putative VLDL lipoprotein receptor; transcobalamin receptor

Gene ID 54219

mRNA Refseq NM_001305169

Protein Refseq NP_001292098

MIM

UniProt ID Q9Z1P5

Chromosome Location 17 B1; 17 17.98 cM

Pathway Cobalamin (Cbl, vitamin B12) transport and metabolism, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific biosystem

Function cobalamin binding; growth factor activity

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