Recombinant Mouse Cd320, His-tagged

Cat. No. Cd320-485M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse CD320 (NP_062294.3) (Met1-Gly208) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	Human Cells
ProteinLength	Met1-Gly208
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse CD320 comprises 191 amino acids and has a predicted molecular mass of 21 kDa. The apparent molecular mass of the protein is approximately 47.7 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70℃
Storage	Store it under sterile conditions at -70℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Cd320?CD320 antigen [?Mus musculus?(house mouse)]
Official Symbol	Cd320
Synonyms	Cd320; CD320 antigen; 8D6; NG29; VLDL; 425O18-1; D17Ertd716e; TCblR; transcobalamin receptor; putative VLDL lipoprotein receptor
Gene ID	54219
mRNA Refseq	NM_019421
Protein Refseq	NP_062294
UniProt ID	Q9Z1P5
Chromosome Location	17 B1; 17 17.98 cM
Pathway	Cobalamin (Cbl, vitamin B12) transport and metabolism; Defective AMN causes hereditary megaloblastic anemia 1; Defective BTD causes biotidinase deficiency
Function	cobalamin binding; growth factor activity

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