

## Recombinant Mouse Cd320, His-tagged

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

### SPECIFICATION

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


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## GENE INFORMATION

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

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