

CD320 active protein

CD320 Protein, Mouse, Recombinant (His Tag)

CATALOG #
AAA258237

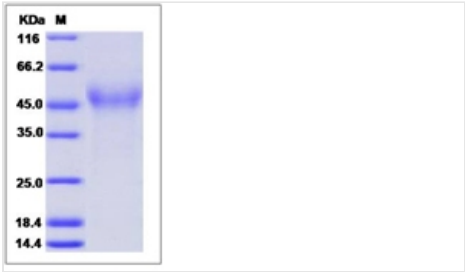
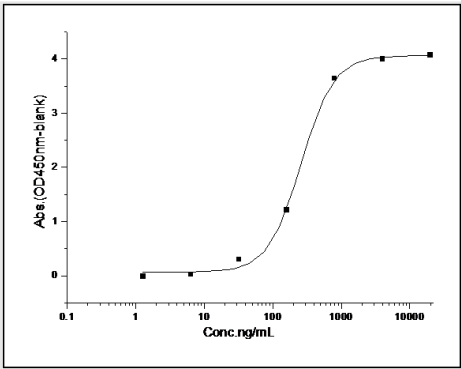
HOST
HEK293 Cells

PRODUCT SYNONYMS

CD320; CD320 Protein; Mouse; Recombinant (His Tag); Mouse CD320/8D6A Protein (His Tag); 425O18-1 Protein; 8D6 Protein; D17Erttd716e Protein; NG29 Protein; TCblR Protein; VLDL Protein; CD320 molecule; CD320 active protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Sequence	Met1-Gly20 8
Species	Mouse
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Ala 29
Tag	C-His
Protein Construction	A DNA sequence encoding the mouse CD320 (NP_062294.3)(Met1-Gly208) was expressed with a C-terminal polyhistidine tag.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Activity	Measured by its binding ability in a functional ELISA. Immobilized mouse CD320-His at 10ug/ml (100uL/well) can bind biotinylated mouse TCN2-His. The EC50 of biotinylated mouse TCN2-His is 0.10-0.24ug/mL.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.



SDS-PAGE

Application Data
Measured by its binding ability in a functional ELISA. Immobilized mouse CD320-His at 10 ug/ml (100 ul/well) can bind biotinylated mouse TCN2-His, The EC50 of biotinylated mouse TCN2-His is 0.10-0.24 ug/mL.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88853588
NCBI GeneID	54219
NCBI Accession #	NP_062294.3
NCBI GenBank Nucleotide #	NM_019421.3
UniProt Accession #	Q9Z1P5; Q3V2Q4; Q7TSW0; Q8C2Q4; Q9CWC2
Molecular Weight	27,739 Da
NCBI Official Full Name	CD320 antigen
NCBI Official Synonym Full Names	CD320 antigen
NCBI Official Symbol	Cd320
NCBI Official Synonym Symbols	8D6; NG29; VLDL; 425O18-1; CD320-002; D17Ert716e
NCBI Protein Information	CD320 antigen; TCbIR; transcobalamin receptor; CD320 antigen isoform 002; putative VLDL lipoprotein receptor
UniProt Protein Name	CD320 antigen
UniProt Gene Name	Cd320
UniProt Synonym Gene Names	TCbIR
UniProt Entry Name	CD320_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.