

CD320 Protein, Mouse, Recombinant (His)

General Information

Synonyms:	D17ErtD716e;CD320 molecule;425O18-1;8D6;TCbLR;NG29;VLDL
Protein Construction:	A DNA sequence encoding the mouse CD320 (NP_062294.3) (Met1-Gly208) was expressed with a C-terminal polyhistidine tag. Predicted N terminal: Ala 29
Species:	Mouse
Expression Host:	HEK293 Cells
Accession:	Q9Z1P5-1
Molecular Weight:	21 kDa (predicted); 47.7 kDa (reducing conditions)

QC Testing

Biological Activity:	Measured by its binding ability in a functional ELISA. Immobilized mouse CD320-His at 10 µg/ml (100 µl/well) can bind biotinylated mouse TCN2-His, The EC50 of biotinylated mouse TCN2-His is 0.10-0.24 µg/mL.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 µm filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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