

# Mouse CD320/8D6 antigen (His Tag) recombinant protein



Catalog Number: 503815

## General Information

### Gene Name Synonym

Transcobalamin receptor

### Protein Construction

A DNA sequence encoding the mouse CD320 (NP\_062294.3) (Met1-Gly208) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### 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 (Cat:502413), The EC<sub>50</sub> of biotinylated mouse TCN2-His (Cat:502413) is 0.10-0.24 µg/mL.

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ala 29

### 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.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

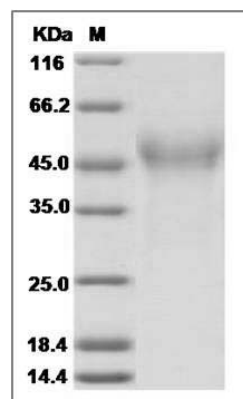
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse CD320 / 8D6A Protein (His Tag) SDS-PAGE