

# Mouse CD32/Fc gamma RII/FCGR2 (His & AVI Tag) recombinant protein



Catalog Number: 503525

## General Information

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Arg 217) of mouse FGGR2B (NP\_001070657.1) as fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus. The expressed protein was biotinylated *in vivo* by the Biotin-Protein ligase (BirA enzyme) which is co-expressed.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Activity

1. Measured by its ability to bind human IgG1 in a functional ELISA.
2. Labeling ratio of biotin to protein: 0.5

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Thr 40

### Molecular Mass

The secreted recombinant mouse FGGR2B consists of 212 amino acids and has a predicted molecular mass of 23.9 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm FGGR2B is approximately 38-43 kDa due to glycosylation.

### 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

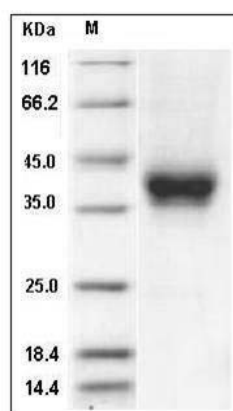
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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 CD32 / FCGR2B Protein (His & AVI Tag), Biotinylated SDS-PAGE