

# Rat Frizzled-4/FZD4/CD344 (Fc Tag) recombinant protein



Catalog Number: 500401

## General Information

### Protein Construction

A DNA sequence encoding the rat FZD4 (Q9QZH0) (Met1-Glu181) was expressed with the Fc region of human IgG1 at the C-terminus.

### Organism

Rat

### Expression Host

Human Cells

## QC Testing

### Purity

(13.3+78.9+5.2) % 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

Phe 38

### Molecular Mass

The recombinant rat FZD4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 385 amino acids and has a predicted molecular mass

of 43.2 kDa. The apparent molecular mass of the protein is approximately 113, 58 and 36 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

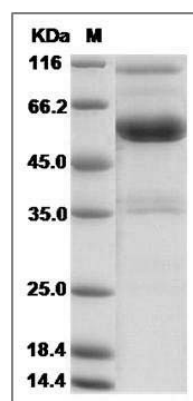
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



Rat Frizzled-4 / FZD4 Protein (Fc Tag) SDS-PAGE