

# Human Frizzled-5/FZD5 (His & Fc Tag) recombinant protein



Catalog Number: 501607

## General Information

### Gene Name Synonym

FzE5

### Protein Construction

A DNA sequence encoding the extracellular domain (Met 1-Pro 167) of human frizzled 5 (NP\_003459.2) was fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### 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

Ala 27

### Molecular Mass

The recombinant human frizzled 5/Fc is a disulfide-linked homodimer after removal of the

signal peptide. The reduced monomer consists of 389 amino acids and has a predicted molecular mass of 44 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhfrizzled 5/Fc monomer is approximately 58 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

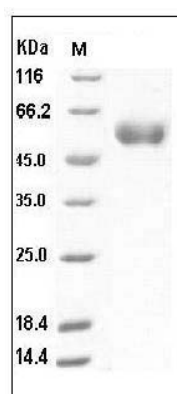
### Storage

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



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SDS-PAGE