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

Catalog Number: 503355



#### 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 a polyhistidine tag at the C-terminus.

## Organism

Human

#### **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 97 % as determined by SDS-PAGE

#### **Endotoxin**

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

#### **Stability**

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

#### Predicted N terminal

Ala 27

#### **Molecular Mass**

The recombinant human frizzled5 consists of 152

amino acids and has a predicted molecular mass of 17.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhfrizzled5 is approximately 25-30 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**

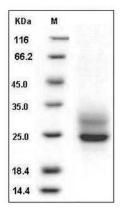
#### **Storage**

Store it under sterile conditions at -20°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**



Human Frizzled-5 / FZD5 Protein (His Tag) SDS-PAGE