

## Recombinant Rat FZD4 protein(Met1-Glu181), hFc-tagged

Cat. No. FZD4-1106R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat FZD4 (Q9QZH0) (Met1-Glu181) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-181 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Fzd4 frizzled family receptor 4 [ Rattus norvegicus ]

**Official Symbol** FZD4

**Synonyms** FZD4; frizzled family receptor 4; frizzled-4; fz-4; rFz4; frizzled receptor 4;

**Gene ID** 64558

**mRNA Refseq** NM\_022623

**Protein Refseq** NP\_072145

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