

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

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

SPECIFICATION

Product Overview	Recombinant Rat FZD4 (Q9QZH0) (Met1-Glu181) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-181 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	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]
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Official Symbol	FZD4
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Synonyms	FZD4; frizzled family receptor 4; frizzled-4; fz-4; rFz4; frizzled receptor 4;
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Gene ID	64558
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mRNA Refseq	NM_022623
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Protein Refseq	NP_072145
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