

Recombinant Human FZD5 protein, Fc-His-tagged

Cat. No. FZD5-713H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FZD5 protein(Met 1-Pro 167)(NP_003459.2) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-167 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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 FZD5 frizzled family receptor 5 [Homo sapiens]

Official Symbol FZD5

Synonyms FZD5; frizzled family receptor 5; C2orf31, chromosome 2 open reading frame 31 , frizzled (Drosophila) homolog 5 , frizzled 5, seven transmembrane spanning receptor , frizzled homolog 5 (Drosophila); frizzled-5; DKFZP434E2135; HFZ5; fz-5; fzE5; Wnt receptor; seven-transmembrane receptor frizzled-5; frizzled 5, seven transmembrane spanning receptor; C2orf31; MGC129692; DKFZp434E2135;

Gene ID 7855

mRNA Refseq NM_003468

Protein Refseq NP_003459

MIM 601723

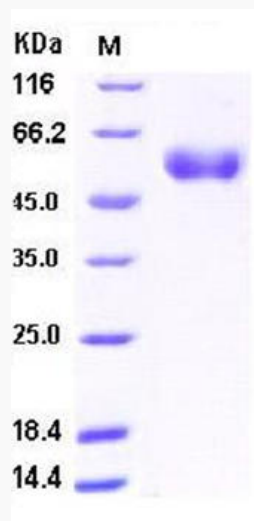
UniProt ID Q13467

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SDS-PAGE



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