

## Active Recombinant Human FZD5 Protein, Fc Chimera

Cat. No. FZD5-536H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FZD5 (Accession # NP_003459), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Predicted N Terminal</b>	Ala27 and Ser28
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. In a 100 µ reaction mixture containing biotinylated recombinant mouse Wnt-5a at 100 ng/mL and Recombinant Human Frizzled-5 Fc Chimera dilutions, the concentration of Recombinant Human Frizzled-5 Fc Chimera that produces 50% of the maximal binding response is found to be approximately 5-20 ng/mL. Optimal concentrations should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Human FZD5, Fc Chimera has a calculated MW of 50.1 kDa (monomer). In SDS-PAGE migrates as 60-68 kDa, reducing conditons.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

## 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

**Chromosome Location** 2q33.3

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