

Active Recombinant Human FZD5 Protein, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Human FZD5 (Accession # NP_003459), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Ala27 and Ser28
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Human FZD5, Fc Chimera has a calculated MW of 50.1 kDa (monomer). In SDS-PAGE migrates as 60-68 kDa, reducing conditons.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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