

Recombinant Human FZD5, His-tagged

Cat. No. FZD5-13068H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FZD5 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-62a.a.
Description	Members of the frizzled gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the Wnt5A ligand.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	FZD5 frizzled family receptor 5 [Homo sapiens]
Official Symbol	FZD5

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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
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-activated receptor activity; Wnt-protein binding; protein binding; protein kinase binding; receptor activity; signal transducer activity;