Recombinant Human FZD9, GST-tagged

Cat. No. FZD9-13071H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FZD9 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	22-246a.a.
Description	Members of the frizzled gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD9 gene is located within the Williams syndrome common deletion region of chromosome 7, and heterozygous deletion of the FZD9 gene may contribute to the Williams syndrome phenotype. FZD9 is expressed predominantly in brain, testis, eye, skeletal muscle, and kidney.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	FZD9 frizzled family receptor 9 [Homo sapiens]

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Official Symbol	FZD9
Synonyms	FZD9; frizzled family receptor 9; frizzled (Drosophila) homolog 9 , frizzled 9, seven transmembrane spanning receptor , frizzled homolog 9 (Drosophila); frizzled-9; CD349; FZD3; fz-9; fzE6; hFz9; frizzled homolog 9; frizzled 9, seven transmembrane spanning receptor;
Gene ID	8326
mRNA Refseq	NM_003508
Protein Refseq	NP_003499
MIM	601766
UniProt ID	O00144
Chromosome Location	7q11.23
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved 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; Melanogenesis, organism-specific biosystem;
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; protein heterodimerization activity; protein homodimerization activity; receptor activity; signal transducer activity;

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