Recombinant Human FZD2, GST-tagged

Cat. No. FZD2-13065H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FZD2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	138-217a.a.
Description	This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the wingless type MMTV integration site family of signaling proteins. This gene encodes a protein that is coupled to the beta-catenin canonical signaling pathway. Competition between the wingless-type MMTV integration site family, member 3A and wingless-type MMTV integration site family, member 5A gene products for binding of this protein is thought to regulate the beta-catenin-dependent and -independent pathways.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	FZD2 frizzled family receptor 2 [Homo sapiens]
Official Symbol	FZD2
Synonyms	FZD2; frizzled family receptor 2; frizzled (Drosophila) homolog 2 , frizzled 2, seven transmembrane spanning receptor , frizzled homolog 2 (Drosophila); frizzled-2; frizzled homolog 2; frizzled 2, seven transmembrane spanning receptor; Fz2; fz-2; fzE2; hFz2;
Gene ID	2535
mRNA Refseq	NM_001466
Protein Refseq	NP_001457
MIM	600667
UniProt ID	Q14332
Chromosome Location	17q21.1
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; receptor activity; signal transducer activity;

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