

Recombinant Full Length Human FZD4 Protein, GST-tagged

Cat. No. FZD4-5082HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FZD4 full-length ORF (NP_036325.2, 1 a.a. - 537 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	537 amino acids
Description	This 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. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence. [provided by RefSeq]
Molecular Mass	86.3 kDa
AA Sequence	MAWRGAGPSVPGAPGGVGLSLGLLLQLLLLLGPARGFGDEEERRCDPIRISMCQNL GYNVTKMPNLVGHELQTDALQLTTFTPLIQYGCSSQLQFFLCSVYVPMCTEKINIP GPCGGMCLSVKRRCEPVLKEFGFAWPESLNCSEKFPQNDHNHMCMEGPGDEEVP LPHKTPIQPGEECHSVGTNSDQYIWVKRSLNCVLKCGYDAGLYSRSAKEFTDIWMA VWASLCFISTAFTVLTFLIDSSRFSYPERPIIFLSMCYNIYSIAYIVRLTVGRERISCDFE

 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

EAAEPVLIQEGLKNTGCAIIFLLMYFFGMASSIWWVILTLTWFLAAGLKWGHEAIEMH
 SSYFHIAAWAIPAVKTIVILIMRLVDADELTLGLCYVGNQNLDALTGFVVAPLFTYLVI
 LFIAAGLVALFKIRSNLQKDGTKDKLERLMVKIGVFSVLYTVPATCVIACYFYEISNW
 ALFRYSADDSNMAVEMLKIFMSLLVGITSGMWIWSAKTLHTWQKCSNRLVNSGKVK
 REKRGNGWVKPGKGSETVV

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [FZD4 frizzled family receptor 4 \[Homo sapiens \]](#)

Official Symbol [FZD4](#)

Synonyms FZD4; frizzled family receptor 4; EVR1, exudative vitreoretinopathy 1, frizzled (Drosophila) homolog 4, frizzled 4, seven transmembrane spanning receptor, frizzled homolog 4 (Drosophila); frizzled-4; CD344; hFz4; frizzled homolog 4; WNT receptor frizzled-4; frizzled 4, seven transmembrane spanning receptor; EVR1; FEVR; Fz-4; FzE4; GPCR; FZD4S; MGC34390;

Gene ID [8322](#)

 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

mRNA Refseq	NM_012193
Protein Refseq	NP_036325
MIM	604579
UniProt ID	Q9ULV1

 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