

Recombinant Full Length Human FZD4 Protein

Cat. No. FZD4-5077HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FZD4 full-length ORF (NP_036325.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	164 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]
Form	Liquid
Molecular Mass	59.9 kDa
AA Sequence	MAWRGAGPSVPGAPGGVGLSLGLLLQLLLLLGPARGFGDEEERRCDPIRISMCQNL GYNVTKMPNLVGHELQTDALQLTFTPLIQYGCSSQLQFFLCSVYVPMCTEKINIP GPCGGMCLSVKRRCEPVLKEFGFAWPESLNCSEKFPQNDHNHMCMEGPGDEEVP LPHKTPIQPGECHSVGTNSDQYIWVKRSLNCVLKCGYDAGLYSRSAKEFTDIWMA

 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

VWASLCFISTAFTVLTFLIDSSRFSYPERPIIFLSMCYNIYSIAYIVRLTVGRERISCDFE
EAAEPVLIQEGKNTGCAIIFLLMYFFGMASSIWWVILTTLTWFLAAGLKWGHEAIEMH
SSYFHIAAWAIPAVKTIVILIMRLVDADELTGLCYVGNQNLDALTGFVVAPLFTYLVIGT
LFIAAGLVALFKIRSNLQKDGTCTDKLERLMVKIGVFSVLYTVPATCVIACYFYEISNW
ALFRYSADDSNMAVEMLKIFMSLLVGITSGMWIWSAKTLHTWQKCSNRLVNSGKVK
REKRGNGWVKPGKGSETVV

Applications

Antibody Production
Functional Study
Compound Screening

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

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

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mRNA Refseq	NM_012193
Protein Refseq	NP_036325
MIM	604579
UniProt ID	Q9ULV1

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