

Recombinant Human FZD4 Protein, GST-tagged

Cat. No. FZD4-4593H 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	Wheat Germ
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	MAWRGAGPSVPGAPGGVGLSLGLLLQLLLLLGPARGFGDEEERRCDPIRISMQCQL GYNVTKMPNLVGHELQTDALQLTTFTPLIQYGCSSQLQFFLCSVYVPMCTEKINIPI GPCGGMCLSVKRRCEPVLKEFGFAWPESLNCSEKFPQNDHNMCMEGPGDEEVP LPHKTPIQPGECHSVGTNSDQYIWWKRSLNCVVKCGYDAGLYSRSAKEFTDIWMA VWASLCFISTAFTVLTFLIDSSRFSYPERPIIFLSMCYNIYSIAYIVRLTVGRERISCDFE EAAEPVLIQEGLKNTGCAIIFLLMYFFGMASSIWWVILTLTWFLAAGLKWGHEAIEMH

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SSYFHIAAWAIPAVKTIVILIMRLVDADELTLGLCYVGNQNLDAITGFVVAPLFTYLVI
 LFIAAGLVALFKIRSNLQKDGTKTKLERLMVKIGVFSVLYTVPATCVIACYFYEISNW
 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
mRNA Refseq	NM_012193

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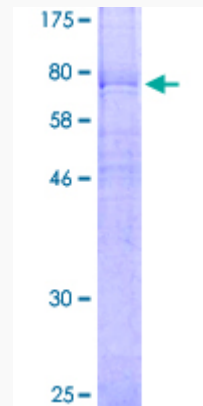
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Protein Refseq NP_036325

MIM 604579

UniProt ID Q9ULV1

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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