

## Recombinant Human FZD4 Protein

Cat. No. FZD4-4592H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human FZD4 full-length ORF (NP_036325.2) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<p>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]</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	59.9 kDa
<b>AA Sequence</b>	<p>MAWRGAGPSVPGAPGGVGLSLGLLLQLLLLLGPARGFGDEEERRCDPIRISMQCQL            GYNVTKMPNLVGHELQTDALQLTTFTPLIQYGCCSQLQFFLCSVYVPMCTEKINIPI            GPCGGMCLSVKRRCEPVLKEFGFAWPESLNCSEKFPQNDHNMCMEGPGDEEVP            LPHKTPIQPGEECHSVGTNSDQYIWWKRSLNCVLKCGYDAGLYSRSAKEFTDIWMA            VWASLCFISTAFTVLTFLIDSSRFSPERPIIFLSMCYNIYSIAYIVRLTVGRERISCDFE            EAAEPVLIQEGLKNTGCAIIFLLMYFFGMASSIWWVILTTLTWFLAAGLKWGHEAIEMH</p>

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SSYFHIAAWAIPAVKTIVILIMRLVDADELTLGLCYVGNQNLDAITGFVVAPLFTYLVI  
 LFIAAGLVALFKIRSNLQKDGTKTKLERLMVKIGVFSVLYTVPATCVIACYFYEISNW  
 ALFRYSADDSNMAVEMLKIFMSLLVGITSGMWIWSAKTLHTWQKCSNRLVNSGKVK  
 REKRGNGWVKPGKGSETVV

<b>Applications</b>	Antibody Production Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	FZD4 frizzled family receptor 4 [ Homo sapiens ]
<b>Official Symbol</b>	FZD4
<b>Synonyms</b>	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;
<b>Gene ID</b>	8322

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mRNA Refseq	NM_012193
Protein Refseq	NP_036325
MIM	604579
UniProt ID	Q9ULV1

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