

## Recombinant Human FZD4 Protein, His-tagged

Cat. No. FZD4-1540H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FZD4 Protein (Phe37-Trp222) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Phe37-Trp222
<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.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 24.7 kDa Accurate Molecular Mass: 28 kDa
<b>Purity</b>	> 90%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	FZD4 frizzled family receptor 4 [ Homo sapiens (human) ]
<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
<b>mRNA Refseq</b>	NM_012193
<b>Protein Refseq</b>	NP_036325

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<b>MIM</b>	604579
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<b>UniProt ID</b>	Q9ULV1
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