

Recombinant Human FZD4 Protein, His-tagged

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

SPECIFICATION

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

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	FZD4 frizzled family receptor 4 [Homo sapiens (human)]
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
Protein Refseq	NP_036325

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MIM	604579
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UniProt ID	Q9ULV1
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