

Recombinant Human FZD6 Protein, GST-tagged

Cat. No. FZD6-4597H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FZD6 partial ORF (NP_003497, 71 a.a. - 181 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene represents a member of the frizzled gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Molecular Mass	37.95 kDa
AA Sequence	PNIETFLCKAFVPTCIEQIHVVPPCRKLCEKVYSDCKKLIDTFGIRWPEELECRLQYC DETVPVTFDPHTEFLGPQKKTEQVQRDIGFWCPRHLKTSGGQGYKFLGIDQC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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

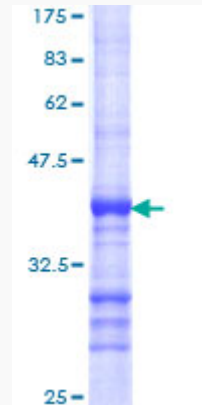
Gene Name	FZD6 frizzled family receptor 6 [Homo sapiens]
Official Symbol	FZD6
Synonyms	FZD6; frizzled family receptor 6; frizzled (Drosophila) homolog 6, frizzled 6, seven transmembrane spanning receptor, frizzled homolog 6 (Drosophila); frizzled-6; Hfz6; frizzled homolog 6; seven transmembrane helix receptor; frizzled 6, seven transmembrane spanning receptor; FZ6; FZ-6; HFZ6; NDNC10;
Gene ID	8323
mRNA Refseq	NM_001164615
Protein Refseq	NP_001158087
MIM	603409
UniProt ID	O60353

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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