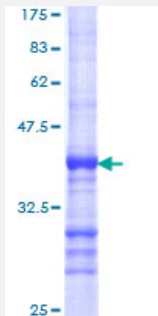


FZD6 (Human) Recombinant Protein (Q01)

Catalog # H00008323-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FZD6 partial ORF (NP_003497, 71 a.a. - 181 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PNIETFLCKAFVPTCIEQIHVVPPCRKLCEKVYSDCKKLIDTFGIRWPEELECDRLQYCDETVPVTFDPHTEFLGPQKKTEQVQRDIGFWCPRHLKTSGGQGYKFLGIDQC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.95
Interspecies Antigen Sequence	Mouse (78); Rat (80)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FZD6

Entrez GeneID [8323](#)

GeneBank Accession# [NM_003506](#)

Protein Accession# [NP_003497](#)

Gene Name FZD6

Gene Alias Hfz6

Gene Description frizzled homolog 6 (Drosophila)

Omim ID [603409](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations frizzled 6|seven transmembrane helix receptor

Pathway

- [Basal cell carcinoma](#)
- [Colorectal cancer](#)

- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Kidney Failure](#)