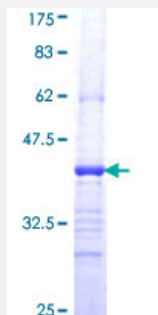


# FZD8 (Human) Recombinant Protein (Q01)

Catalog # H00008325-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human FZD8 partial ORF ( NP_114072, 72 a.a. - 161 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	FWPLVEIQCSDDLKFFLCSTYPTICLEDYKKPLPPCRSVCERAKAGCAPLMRQYGFAPDRMRC DRLPEQGNPDTLCDYNRTDLTTAAP
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	35.64
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — FZD8

Entrez GeneID [8325](#)

GeneBank Accession# [NM\\_031866](#)

Protein Accession# [NP\\_114072](#)

Gene Name FZD8

Gene Alias FZ-8, hFZ8

Gene Description frizzled homolog 8 (Drosophila)

Omim ID [606146](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This intronless 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 gene is highly expressed in two human cancer cell lines, indicating that it may play a role in several types of cancer. The crystal structure of the extracellular cysteine-rich domain of a similar mouse protein has been determined. [provided by RefSeq]

**Other Designations** OTTHUMP00000019454|frizzled 8

## Pathway

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

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

## Disease

- [Cleft Lip](#)
- [Cleft Palate](#)