

# Human CellExp™ Frizzled-2 / FZD2 Protein, Human recombinant

FZD2, Frizzled-2, Fz-2, hFz2, FzE2 Catalog # PBV11503r

#### **Specification**

### Human CellExp™ Frizzled-2 / FZD2 Protein, Human recombinant - Product info

Primary Accession <u>Q14332</u>

Calculated MW 41.7 kDa KDa

# Human CellExp™ Frizzled-2 / FZD2 Protein, Human recombinant - Additional Info

Gene ID 2535

**Other Names** 

FZD2, Frizzled-2, Fz-2, hFz2, FzE2

Gene Source Human

Source HEK 293 cells
Assay&Purity SDS-PAGE;> 95%

Recombinant Yes

**Target/Specificity** 

FZD2

### **Application Notes**

Centrifuge the vial prior to opening. Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml. Do not vortex.

#### **Format**

Lyophilized

#### **Storage**

-80°C; Lyophilized from 0.22 μm filtered solution in 50 mM tris, 100 mM glycine, pH 7.5.

# Human CellExp™ Frizzled-2 / FZD2 Protein, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Human CellExp™ Frizzled-2 / FZD2 Protein, Human recombinant - Images

Human CellExp™ Frizzled-2 / FZD2 Protein, Human recombinant - Background





Tel: 858.875.1900 Fax: 858.875.1999

Frizzled-2 (FZD2) is also known as FzE2, which belongs to the G-protein coupled receptor Fz/Smo family. Most of frizzled receptors are coupled to the beta-catenin canonical signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. FZD2 contains one FZ (frizzled) domain. FZD2 may be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. The Lys-Thr-X-X-X-Trp motif of FZD2 interacts with the PDZ doman of DvI (Disheveled) family members and is involved in the activation of the Wnt/beta-catenin signaling pathway.