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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	Q14332
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
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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

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

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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 Dvl (Disheveled) family members and is involved in the activation of the Wnt/beta-catenin signaling pathway.