

**Human CellExp™ Frizzled-4 / FZD4 Protein, Human recombinant**  
**FZD4, Frizzled-4, CD344, Fz-4, hFz4, FzE4**  
**Catalog # PBV11504r****Specification**

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**Human CellExp™ Frizzled-4 / FZD4 Protein, Human recombinant - Product info**

Primary Accession [O9ULV1](#)  
Calculated MW **42.9 kDa**

**Human CellExp™ Frizzled-4 / FZD4 Protein, Human recombinant - Additional Info**

Gene ID **8322**  
**Other Names**  
FZD4, Frizzled-4, CD344, Fz-4, hFz4, FzE4

Gene Source **Human**  
Source **HEK 293 cells**  
Assay&Purity **SDS-PAGE;> 95%**  
Recombinant **Yes**  
**Target/Specificity**  
FZD4

**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 PBS pH 7.5. Generally Mannitol or Trehalose is added as a protectant before lyophilization.

**Human CellExp™ Frizzled-4 / FZD4 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 Cytometry](#)
- [Cell Culture](#)

**Human CellExp™ Frizzled-4 / FZD4 Protein, Human recombinant - Images****Human CellExp™ Frizzled-4 / FZD4 Protein, Human recombinant - Background**

Frizzled-4 (FZD4) is also known as FzE4, CD344, 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. FZD4 contains one FZ (frizzled) domain. FZD4 may be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. FZD4 interacts with MAGI3 and norrin (NDP).