

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

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).