

Human CellExp™ Frizzled-5 / FZD5 Protein, Human recombinant
FZD5, Frizzled-5, C2orf31, Fz-5, hFz5, FzE5
Catalog # PBV11505r**Specification**

Human CellExp™ Frizzled-5 / FZD5 Protein, Human recombinant - Product info

Primary Accession [Q13467](#)
Calculated MW **42.6 kDa** KDa

Human CellExp™ Frizzled-5 / FZD5 Protein, Human recombinant - Additional Info

| | |
|---------------------------|--------------------------|
| Gene ID | 7855 |
| Gene Source | Human |
| Source | HEK 293 cells |
| Assay&Purity | SDS-PAGE;> 95% |
| Recombinant | Yes |
| Target/Specificity | |
| FZD5 | |

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-5 / FZD5 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-5 / FZD5 Protein, Human recombinant - Images**Human CellExp™ Frizzled-5 / FZD5 Protein, Human recombinant - Background**

Frizzled-5 (FZD5) is also known as FzE5, 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. FZD5 contains one FZ (frizzled) domain. FZD5 may be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. FZD5 interacts specifically with Wnt5A to induce the beta-catenin pathway. FZD5 interacts with GOPC.