

**Human CellExp™ Frizzled-7 / FZD7 Protein, Human recombinant**  
**FZD7, Frizzled-7, FzE3, Fz-7, hFz7**  
**Catalog # PBV11506r****Specification**

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**Human CellExp™ Frizzled-7 / FZD7 Protein, Human recombinant - Product info**

Primary Accession [O75084](#)  
Calculated MW **43.3 kDa** KDa

**Human CellExp™ Frizzled-7 / FZD7 Protein, Human recombinant - Additional Info**

Gene ID	<b>8324</b>
<b>Other Names</b>	
FZD7, Frizzled-7, FzE3, Fz-7, hFz7	
Gene Source	<b>Human</b>
Source	<b>HEK 293 cells</b>
Assay&Purity	<b>SDS-PAGE;&gt; 92%</b>
Recombinant	<b>Yes</b>
<b>Target/Specificity</b>	
FZD7	

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

**Human CellExp™ Frizzled-7 / FZD7 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-7 / FZD7 Protein, Human recombinant - Images****Human CellExp™ Frizzled-7 / FZD7 Protein, Human recombinant - Background**

Frizzled-7 (FZD7) is also known as FzE3, 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. FZD7 contains one FZ (frizzled) domain. FZD7 is receptor for Wnt proteins. FZD7 may be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. FZD7 interacts with MAGI3 and DVL1.