10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Human CellExp™ Frizzled-7 / FZD7 Protein, Human recombinant

FZD7, Frizzled-7, FzE3, Fz-7, hFz7
Catalog # PBV11506r

Specification

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

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

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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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.