

Datasheet for ABIN7596374

FZD10 Protein (AA 21-225) (hlgG-His-tag)[Go to Product page](#)

Overview

Quantity:	500 µg
Target:	FZD10
Protein Characteristics:	AA 21-225
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FZD10 protein is labelled with hlgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ISSMDMERPG DGKCQPIEP MCKDIGYNMT RMPNLMGHEN QREAAIQLHE FAPLVEYGCH GHLRFFLC SL YAPMCTEQVS TPIPACRVMC EQARLKCSPI MEQFNFKWPD SLDCRKLPNK NDPNYLCMEA PNNGSDEPTR GSGLFPPLFR PQRPHSAQEH PLKDGGPGRG GCDNPGKFHH VEKSASCAPL CTPGVDVYWS REDKR
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1 µg of protein (determined by LAL method)

Target Details

Target:	FZD10
Alternative Name:	Frizzled-10 (FZD10 Products)
Background:	Frizzled-10, also known as CD350, is a member of the G-protein coupled receptor Fz/Smo

Target Details

family. Frizzled-10 is expressed during embryogenesis in the primitive streak, dorsal neural tube, developing brain, limb bud, and airway epithelium. In the adult, it is expressed in placenta, gastric glands, and colon and renal tubule epithelial cells. It is a receptor for Wnt proteins and up-regulated in some cancers and transformed cell lines. Frizzled-10 associates with LRP5 to transduce Wnt 7a and Wnt 7b signals, resulting in the stabilization of cytoplasmic beta-catenin. Expression of this intronless gene is significantly up-regulated in two cases of primary colon cancer. It may also be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis or in differentiated tissues. Recombinant human Frizzled-10, fused to hlgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.

Molecular Weight: 50kDa (444aa)

NCBI Accession: [NP_009128](#)

Pathways: [WNT Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.