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Datasheet for ABIN7317167 FZD6 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	FZD6
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FZD6 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Frizzled-6/FZD6 Protein (Fc Tag)
Sequence:	Met 1-Val153
Characteristics:	A DNA sequence encoding the human FZD6 (NP_003497.2) (Met1-Val153) was expressed with the Fc region of mouse IgG1 at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	FZD6
Alternative Name:	Frizzled-6/FZD6 (FZD6 Products)
Background:	Background: This gene represents a member of the 'frizzled' gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-

Target Details

terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants, some of which do not encode a protein with a predicted signal peptide.

Synonym: FZ-6,FZ6,HFZ6,NDNC10

Molecular Weight: 42 kDa

NCBI Accession: [NP_003497](#)

Pathways: [WNT Signaling](#), [Tube Formation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.