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Datasheet for ABIN7319923 FZD8 Protein (Biotin,His-Avi Tag)

Image



Overview

Quantity:	100 µg
Target:	FZD8
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FZD8 protein is labelled with Biotin,His-Avi Tag.

Product Details

Purpose:	Recombinant Human Frizzled-8 (C-6His-Avi) Biotinylated
Sequence:	Ala28-Pro172
Characteristics:	Biotinylated Recombinant Human Frizzled-8 is produced by our Mammalian expression system and the target gene encoding Ala28-Pro172 is expressed with a 6His, Avi tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.

Target Details

Target:	FZD8
Alternative Name:	Frizzled-8 (FZD8 Products)
Background:	Background: Frizzled-8 is one of at least ten seven-transmembrane (7TM) glycoproteins of the Frizzled family of Wnt receptors. Frizzled proteins are thought to be G-protein-coupled. Wnt
	engagement, with low density lipoprotein receptor-related proteins LRP-5 or LRP-6 acting as co-

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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.
Storage:	4 °C,-20 °C,-80 °C
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Reconstitution:	Please refer to the printed manual for detailed information.
Format:	Lyophilized
Handling	
Restrictions:	For Research Use only
Comment:	25-35 kDa
Application Details	
Pathways:	WNT Signaling
UniProt:	Q9H461
Molecular Weight:	19.1 kDa
	Synonym: frizzled 8, frizzled family receptor 8, Frizzled8, Frizzled-8, FZ-8, FZD8, hFZ8
	signaling and inhibit growth of teratocarcinomas.
	8. blocking Wht binding. The recombinant Frizzled-8 CRD has also been used to block Wht
	catenin and activation of Wnt target genes. These ligands bind the extracellular CRD of Frizzled-
	noosome-sized signalosomes. The bela-caterin canonical signaling pathway leads to the
	triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into
	development and tissue maintenance. Component of the Wnt-Fzd-LRP5-LRP6 complex that
	receptors, stabilizes beta -catenin and promotes gene transcription that is important in



Western Blotting

Image 1.

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