Nanodisc Human FZD2-Strep Protein

HDFP970

Product Information

Product SKU:	HDFP970	**Expression Host**:	HEK293	**Size**:	10µg
Target:	FZD2	**Tag**:	C-Flag&Strep Tag		

Additional Information

Conjugate:	Unconjugated	**Uniprot ID:**	Q14332
Molecular Weight:	The human full length FZD2-Strep protein has a MW of 63.6 kDa		

Protein Information

Background:	This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the wingless type MMTV integration site family of signaling proteins. This gene encodes a protein that is coupled to the beta-catenin canonical signaling pathway. Competition between the wingless-type MMTV integration site family, member 3A and wingless-type MMTV integration site family, member 5A gene products for binding of this protein is thought to regulate the beta-catenin-dependent and -independent pathways. [provided by RefSeq, Dec 2010]
Synonyms:	Fz2, OMOD2, fz-2, fzE2, hFz2
Protein Description:	Human FZD2-Strep full length protein-synthetic nanodisc
Formulation:	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Protein Pathways:	Wnt NetPath 8, Wnt signaling, Wnt signaling and pluripotency, Cancer, Notch, Wnt Pathway, Stem Cell.
Protein Families:	GPCR, Transmembrane, Druggable Genome.
Usage:	Research use only

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Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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