PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	FZD1
Synonyms	Frizzled-1; Fz-1; hFz1; FzE1
Description	Human FZD1 full length protein-synthetic nanodisc
Uniprot ID	Q9UP38
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	Adipogenesis,Wnt NetPath 8,Wnt signaling,Wnt signaling and pluripotency,Cancer,Notch,Wnt Pathway,Stem Cell ,
Molecular Weight	The human full length FZD1 protein has a MW of 71.2kDa
Delivery	6~8weeks
Formulation & Reconstitution	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 of reconstitution
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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.
Background	Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD1 protein contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, 7 transmembrane domains, and a C-terminal PDZ domain-binding motif. The FZD1 transcript is expressed in various tissues. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated