

PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	FZD6
Synonyms	FZ-6, FZ6, HFZ6, NDNC1, NDNC10
Description	Human FZD6 full length protein-synthetic nanodisc
Uniprot ID	O60353
Protein Families	GPCR, Transmembrane, Druggable Genome,
Protein Pathways	Wnt NetPath 8, Wnt signaling, Wnt signaling and pluripotency, Cancer, Notch, Wnt Pathway,
Molecular Weight	The human full length FZD6 protein has a MW of 79.3kDa
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	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-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. [provided by RefSeq, Aug 2011]
Usage	Research use only
Conjugate	Unconjugated

