

PRODUCT INFORMATION

Target	FZD8
Synonyms	FZ-8, hFZ8
Description	Human FZD8 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q9H461
Expression Host	HEK293
Protein Families	Transmembrane,Druggable Genome,
Protein Pathways	Wnt NetPath 8,Wnt signaling,Wnt signaling and pluripotency,Cancer,Notch,Wnt Pathway,Stem Cell ,
Molecular Weight	The human full length FZD8 protein has a MW of 73.3kDa
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. Do not use solvents with pH lower than 6.5 in subsequent experiments.
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 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. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This gene is highly expressed in two human cancer cell lines, indicating that it may play a role in several types of cancer. The crystal structure of the extracellular cysteine-rich domain of a similar mouse protein has been determined. [provided by RefSeq, Jul 2008]
Usage	Research use only

