

## PRODUCT INFORMATION

|   |   |
|---|---|
| <b>Target</b>                           | FZD3  |
| <b>Synonyms</b>                         | Fz-3  |
| <b>Description</b>                      | Human FZD3 full length protein-synthetic nanodisc   |
| <b>Delivery</b>                         | 6~8weeks  |
| <b>Uniprot ID</b>                       | Q9NPG1  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Protein Families</b>                 | GPCR,Transmembrane,Druggable Genome,  |
| <b>Protein Pathways</b>                 | Wnt signaling,Wnt signaling and pluripotency,Cancer,Notch,Wnt Pathway,Stem Cell ,   |
| <b>Molecular Weight</b>                 | The human full length FZD3 protein has a MW of 76.3kDa  |
| <b>Formulation &amp; Reconstitution</b> | 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.  |
| <b>Storage &amp; Shipping</b>           | 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.   |
| <b>Background</b>                       | This 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. The function of this protein is unknown, although it may play a role in mammalian hair follicle development. Alternative splicing results in multiple transcript variants. This gene is a susceptibility locus for schizophrenia. [provided by RefSeq, Dec 2010] |
| <b>Usage</b>                            | Research use only   |

