

PRODUCT INFORMATION

Tag C-Flag Tag

FZD4 **Target**

CD344; EVR1; FEVR; Fz-4; Fz4; FZD4S; FzE4; **Synonyms**

GPCR; hFz4

Human FZD4 full length protein-synthetic Description

nanodisc

Delivery In Stock **Uniprot ID** Q9ULV1 **HEK293 Expression Host**

Protein Families Druggable Genome, GPCR, Transmembrane

Basal cell carcinoma, Colorectal cancer,

Protein Pathways Melanogenesis, Pathways in cancer, Wnt signaling

pathway

The human full length FZD4 protein has a MW of **Molecular Weight**

60.3 kDa

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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 betacatenin canonical signaling pathway. This protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic

seguence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence.

> Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only

Conjugate Unconjugated

Background





ELISA assay to evaluate FZD4-Nanodisc 0.2µg Human FZD4-Nanodisc per well

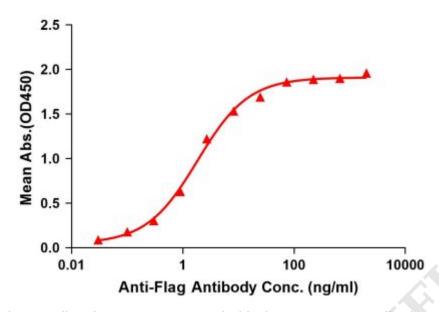


Figure 1. Elisa plates were pre-coated with Flag Tag FZD4-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with FZD4-Nanodisc is 1.843 ng/ml.



Figure 2. Human FZD4-Nanodisc, Flag Tag on SDS-PAGE



Email: info@dimabio.com Website: www.dimabio.com

