Cat. No. FLP100052

Delivery

Formulation &

Reconstitution

Background



PRODUCT INFORMATION

Target FZD10

Synonyms CD350; FZ-10; Fz10; FzE7; hFz10

Human FZD10 full length protein-synthetic **Description**

nanodisc In Stock

Uniprot ID Q9ULW2 **Expression Host HEK293**

Protein Families Druggable Genome, GPCR, Transmembrane

Basal cell carcinoma, Colorectal cancer,

Protein Pathways Melanogenesis, Pathways in cancer, Wnt signaling

pathway

The human full length FZD10 protein has a MW of **Molecular Weight**

65.3 kDa

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.

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 7-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. Using array analysis, expression of this intronless gene is significantly up-regulated in two cases of primary

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

colon cancer.

Usage Research use only

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China)

/+86-400-006-0995(China)



ELISA assay to evaluate FZD10-Nanodisc 0.2μg Human FZD10-Nanodisc per well

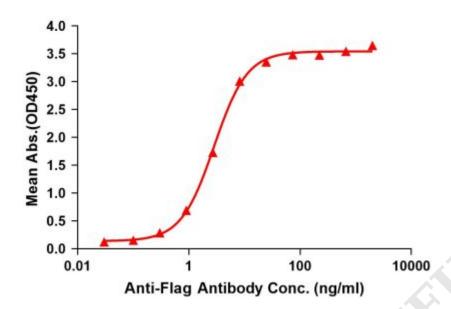


Figure 1. Elisa plates were pre-coated with Flag Tag FZD10-Nanodisc ($0.2\mu g/per$ well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with FZD10-Nanodisc is 2.854ng/ml.

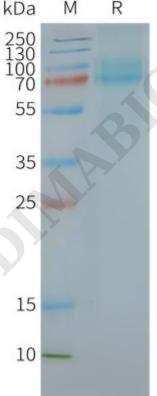
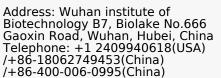


Figure 2. Human FZD10-Nanodisc, Flag Tag on SDS-PAGE



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

