HUMAN FZD4 FULL LENGTH PROTEIN

Cat.#: 11120
Product Name: Human FZD4 Full Length Protein
Size : 10 µg, 50 µg and 100 µg
Synonyms: CD344; EVR1; FEVR; Fz-4; Fz4; FZD4S; FzE4; GPCR; hFz4
Target: FZD4
UNIPROT ID: Q9ULV1
Description: Human FZD4 full length protein-synthetic nanodisc
Background: 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 protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence.
Species/Host: HEK293
Molecular Weight: The human full length FZD4 protein has a MW of 60.3 kDa
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.
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.

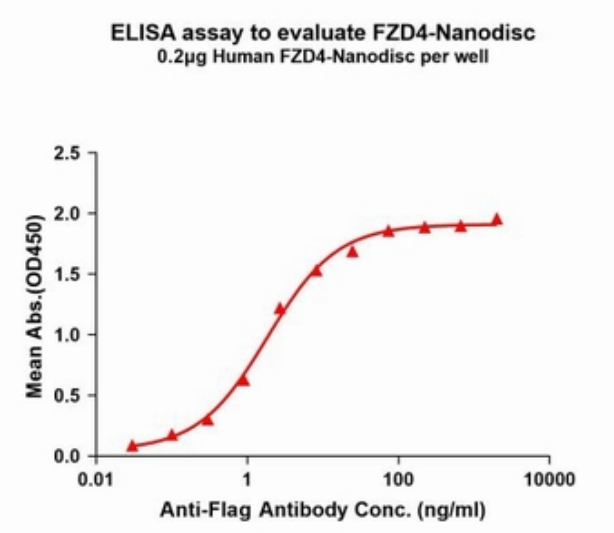

Figure1. Elisa plates were pre-coated with Flag Tag FZD4-Nanodisc (0.2 μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with FZD4-Nanodisc is 1.843ng/ml.

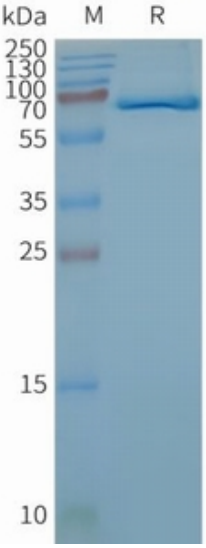

Figure2. Human FZD4-Nanodisc, Flag Tag on SDS-PAGE