

**HUMAN FZD4 FULL LENGTH PROTEIN**

目录: 11120

产品名称: Human FZD4 Full Length Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: CD344; EVR1; FEVR; Fz-4; Fz4; FZD4S; FzE4; GPCR; hFz4

**Target:** FZD4

**UNIPROT ID:** Q9ULV1

**描述:** Human FZD4 full length protein-synthetic nanodisc

**背景:** 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.

**储存和运输:** 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.

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

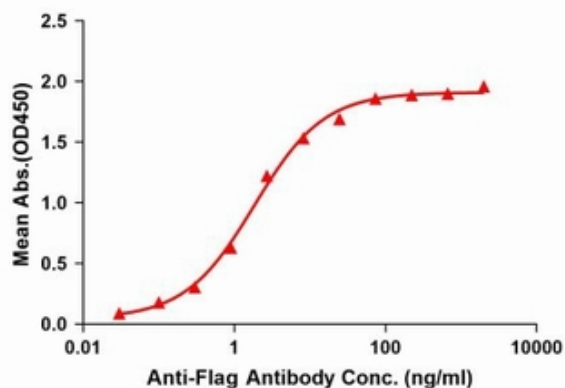


Figure1. Elisa plates were pre-coated with Flag Tag FZD4-Nanodisc (0.2 µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with FZD4-Nanodisc is 1.843ng/ml.



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