

HUMAN FZD7 FULL LENGTH PROTEIN

目录: 11090

产品名称: Human FZD7 Full Length Protein

规格: 10 µg; 50 µg and 100 µg

基因符号: FZE3

Target: FZD7

UNIPROT ID: O75084

描述: Human FZD7 Full Length Protein-Synthetic Nanodisc

背景: Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD7 protein contains an N-terminal signal sequence, 10 cysteine residues typical of the cysteine-rich extracellular domain of Fz family members, 7 putative transmembrane domains, and an intracellular C-terminal tail with a PDZ domain-binding motif. FZD7 gene expression may downregulate APC function and enhance beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas.

Species/Host: HEK293

Molecular Weight: The human full length FZD7 protein has a MW of 63.6 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.

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Basal cell carcinoma, Colorectal cancer, Melanogenesis, Pathways in cancer, Wnt signaling pathway

ELISA assay to evaluate FZD7-Nanodisc 0.2µg Human FZD7-Nanodisc per well

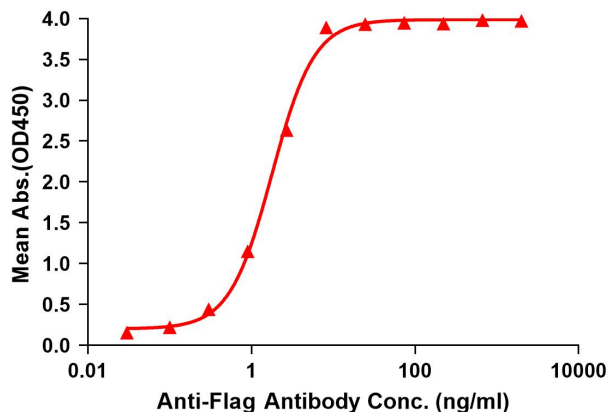


Figure 1. Elisa plates were pre-coated with Flag Tag FZD7-Nanodisc (0.2µg/per well). Serial diluted Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for Flag monoclonal antibody binding with FZD7-Nanodisc is 1.783ng/ml.



Figure 2. Human FZD7-Nanodisc, Flag Tag on SDS-PAGE