

PRODUCT INFORMATION

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| Target | FZD4 |
| Synonyms | CD344; EVR1; FEVR; Fz-4; Fz4; FZD4S; FzE4; GPCR; hFz4 |
| Description | Human FZD4 full length protein-MNP |
| Delivery | In Stock |
| Uniprot ID | Q9ULV1 |
| Expression Host | HEK293 |
| Protein Families | Druggable Genome, GPCR, Transmembrane |
| Protein Pathways | Basal cell carcinoma, Colorectal cancer, Melanogenesis, Pathways in cancer, Wnt signaling pathway |
| Molecular Weight | The human full length FZD4 protein has a MW of 60.3 kDa |
| Formulation & Reconstitution | Lyophilized from PBS. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. |
| 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. |
| 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. |
| Usage | Research use only |



ELISA assay to evaluate FZD4-MNP 0.5 μ g Human FZD4-MNP per well

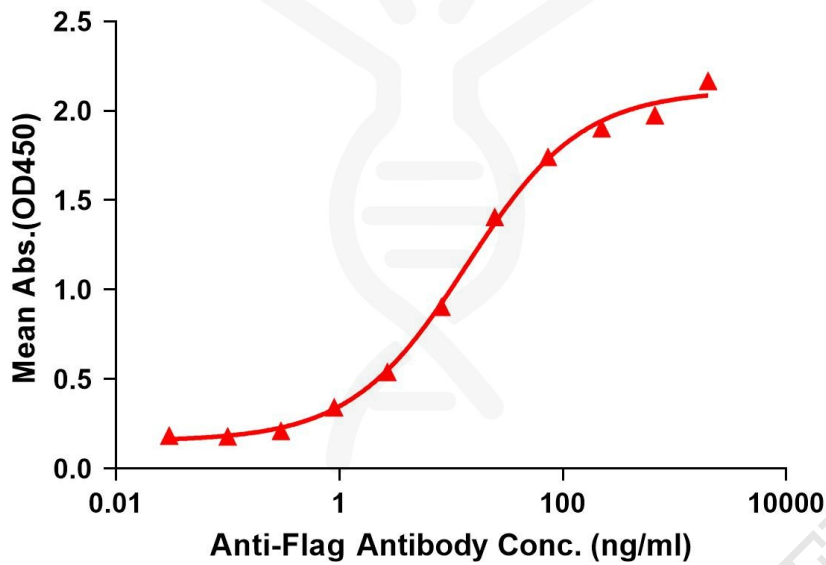


Figure1. Elisa plates were pre-coated with 0.5 μ g/per well purified human FZD4 full length membrane nanoparticles. Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with FZD4 full length membrane nanoparticles is 13.75ng/ml.

