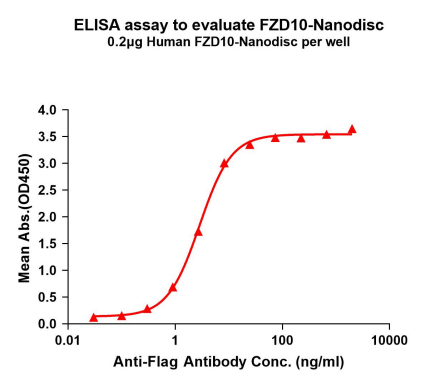
VLP/Nanodisc | Full-Length | HuPro®

FZD10 (Human) Recombinant Protein

Catalog # P10787 Size 100 ug

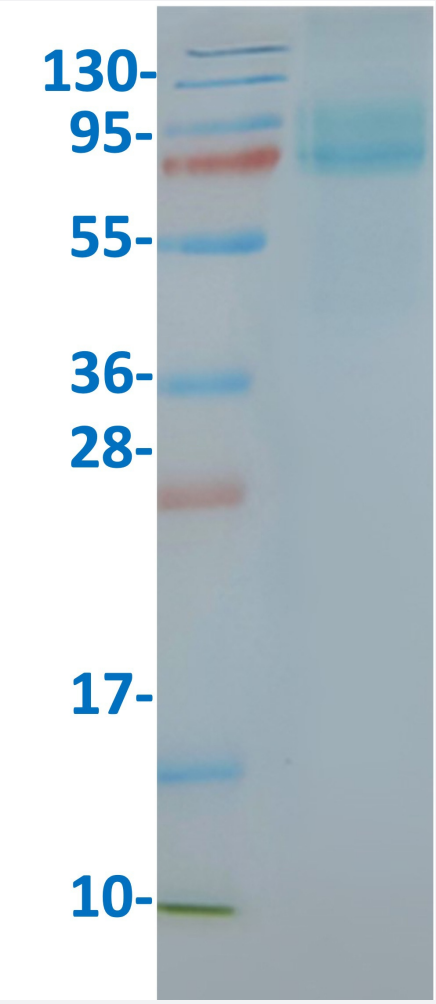
Applications



Enzyme-linked Immunoabsorbent Assay

ELISA plates were pre-coated with Flag Tag FZD10-Nanodisc (0.2 ug/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC_{50} for anti-Flag monoclonal antibody binding with FZD10-Nanodisc is 2.854 ng/mL.

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SDS-PAGE

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

Specification

Product Description	Human FZD10 (Q9ULW2, 1 a.a. - 581 a.a.) full-length recombinant protein-Nanodisc.
Sequence	MQRPGPRLWLVLQVMGSCAAISSMDMERPGDGKCQPIEIPMCKDIGYNMTRMPNLMGHEN QRE AAIQLHEFAPLVEYGCHGHLRFFLCSLYAPMCTEQVSTPIPACRVMCEQARLKCSPI MEQFNFKW PDSLDCRKLPNKNDPNYLCMEAPNNGSDEPTRGSGLFPPLFRPQRPHSAQEH PLKDGGPGRG GCDNPGKFHHVEKSASCAPLCTPGVDVYWSREDKRFAVVWLAIWAVLCFF SSAFTVLTFLIDPA RFRYPERPIIFLSMCYCVYSVGYLIRLFAGAESIACDRDSGQLYVI QEGLESTGCTLVFLVLYYFGMA SSLWWVVLTLTWFLAAGKKWGHEAIEANSSYFHLAAWA IPAVKTILILVMRRVAGDELTGVCYVG SMDVNALTGFVLIPLACYLVIGTSFILSGFVAL FHIRRVMKTGGENTDKLEKLMVRIGLFSVLYTVPA TCVIACYFYERLNMDYWKILAAQHK CKMNNQTKTLDCLMAASIPAVEIFMVKIFMLLVVGITSGMWI WTSKTLQSWQQVCSRRLK KKSRRKPASVITSGGIYKKAQHPQKTHHGKYEIPAQSPTCV
Host	Human
Theoretical MW (kDa)	65.3
Reactivity	Human

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Form	Lyophilized
Conjugation	Unconjugated
Preparation Method	Mammalian cell (HEK293) expression system
Recommend Usage	ELISA SDS-PAGE
Storage Buffer	Lyophilized from 20 mM Tris-HCl, 150 mM NaCl, pH 8.0 (5% trehalose).
Storage Instruction	Store at -20°C to -80°C for 12 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

  ELISA plates were pre-coated with Flag Tag FZD10-Nanodisc (0.2 ug/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC_{50} for anti-Flag monoclonal antibody binding with FZD10-Nanodisc is 2.854 ng/mL.

- SDS-PAGE

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

Gene Info — FZD10

Entrez GeneID	11211
Protein Accession#	Q9ULW2
Gene Name	FZD10
Gene Alias	CD350, FZ-10, FzE7, hFz10
Gene Description	frizzled homolog 10 (Drosophila)
Omim ID	606147
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the frizzled gene family. Members of this family encode 7-transmembra ne domain proteins that are receptors for the Wingless type MMTV integration site family of signal ing 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 colon cancer. [provided by RefSeq

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Other Designations	frizzled 10

Pathway

- Basal cell carcinoma
- Colorectal cancer
- Melanogenesis
- Pathways in cancer
- Wnt signaling pathway

Disease

- Cleft Lip
- Cleft Palate

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