

Product Information

NativeExtract™ Human FZD1 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX271**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human FZD1 protein in native nanodisc form. The synthetic compound we developed can solubilize the FZD1 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

FZD1

Protein Length

Full length

Molecular Weight

71.2kDa

Sequence

Accession # [Q9UP38](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

Target**Target Protein**

FZD1

Full Name

Frizzled class receptor 1

Introduction

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD1 protein contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, 7 transmembrane domains, and a C-terminal PDZ domain-binding motif. The FZD1 transcript is expressed in various tissues.

Alternative Names

frizzled-1; Wnt receptor; frizzled 1, seven transmembrane spanning receptor; frizzled family receptor 1; frizzled homolog 1; frizzled, Drosophila, homolog of, 1; fz-1; fzE1; hFz1; FZD1; Frizzled class receptor 1

Gene ID

[8321](#)

UniProt ID

[Q9UP38](#)