

Product Information

MemDX™ Membrane Protein Human FZD1 (Frizzled class receptor 1) Full Length

Cat. No.: **MPC0096K**

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

This product is a 71.1 kDa Human FZD1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

FZD1

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

71.1 kDa

TMD

7

Sequence

MAEEEEAPKKSRAAGGGASWELCAGALSARLAEEGSGDAGGRRRPPVDPRR
LARQLLLLLLWLEAPLLLGVRAQAAGQGPGQGPQGQPPPPPPQQQSGQ
QYNGERGISVPDHGYCQPISIPCLCTDIAYNQTIMPNNLLGHTNQEDAGLEV
HQFYPLVKVQCSAELKFFLCSMYAPVCTVLEQALPPCRSLCERARQGCEA
LMNKFQGFQWPDTLKCEKFPVHGAGELCVGQNTSDKGTPTPSLLPEFWTSN
PQHGGGGHRRGGFPGGAGASERKGFSCPRALKVPSYLNHFLGEKDCGAPC
EPTKVYGLMYFGPEELRFSRTWIGIWSVLCCASTLFTVLTYLVDMMRRFSY
PERPIIFLSGCTAVAVAYIAGFLLEDRVVCNDKFAEDGARTVAQGTKKE
GCTILFMMLYFFSMASIIWWVILSLTWFLAAGMKWGHAEIANSQYFHLA
AWAVPAIKTITILALGQVDGDLVSGVCFVGLNNVDALRGFVLAPLFVYLF
IGTSFLLAGFVSLFRITIMKHDGKTEKLEKLMVRIGVFSVLYTVPATI
VIACYFYEQAFRDQWERSWVAQSKSYAIPCPHLQAGGGAPPHPPMSPDF
TVFMIKYLMTLIVGITSGFWIWSGKTLNSWRKFYTRLTNSKQGETTV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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](#)