

Product Information

MemDX™ Membrane Protein Human FZD1 (Frizzled class receptor 1) Expressed in CHO for Antibody Discovery, Partial (73-253aa)

Cat. No.: **MPX0024K**

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

This product is a 46.6 kDa Human FZD1 membrane protein expressed in CHO. 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

Partial (73-253aa)

Protein Class

GPCR

Molecular Weight

46.6 kDa

TMD

7

Sequence

QAAGQGPGQGPGPGQQPPPPPPQQQQSGQ
QYNGERGIVPDHGYCQPISIPCLTDIAYNQTIMPNLLGHTNQEDAGLEV
HQFYPLVKVQCSAELKFFLCSMYAPVCTVLEQALPPCRSLCERARQGCEA
LMNKFQGFQWPDTLKCEKFPVHGAGELCVGQNTSDKGTPTPSLLPEFWTSN
PQH

Product Description

Expression Systems

CHO

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

Liquid

Endotoxin

<0.1 EU/μg by the LAL method

Purity

>95%, as determined by Coomassie stained SDS-PAGE.

Buffer

0.22 μm filtered protein solution is in PBS, pH 7.2

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](#)