

Product Information

MemDX™ Membrane Protein Human FZD1 (Frizzled class receptor 1) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3639K**

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

This product is a Human FZD1 membrane protein expressed *in vitro E.coli* expression system. 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 of Mature Protein

Protein Class

GPCR

TMD

7

Sequence

VRAQAAGQGPGQGPGGQPPPPPPQQQSGQQYNGERGISVPDHGYCQPISIP LCTDIAYNQTIMPNLLGHTNQEDAGLEVHQF

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

FZD1; 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; Frizzled class receptor 1

Gene ID

[8321](#)

UniProt ID

[Q9UP38](#)