

Product Information

MemDX™ Membrane Protein Human FZD2 (Frizzled class receptor 2) Expressed *in vitro*

E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX3625K**

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

This product is a Human FZD2 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

FZD2

Protein Length

Full Length of Mature Protein

Protein Class

GPCR

TMD

7

Sequence

QFHGEKGISIPDHGFCQPISIPLCTDIAYNQTIMPNLLGHTNQEDAGLEVHQFYPLVKVQCSPELRFFLCSMYAPVCTVLEQAIPPCR

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

FZD2

Full Name

Frizzled class receptor 2

Introduction

This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the wingless type MMTV integration site family of signaling proteins. This gene encodes a protein that is coupled to the beta-catenin canonical signaling pathway. Competition between the wingless-type MMTV integration site family, member 3A and wingless-type MMTV integration site family, member 5A gene products for binding of this protein is thought to regulate the beta-catenin-dependent and -independent pathways.

Alternative Names

FZD2; Fz2; fz-2; fzE2; hFz2; OMOD2; frizzled-2; frizzled family receptor 2; frizzled homolog 2; Frizzled class receptor 2

Gene ID

[2535](#)

UniProt ID

[Q14332](#)