

# 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](#)