

## Product Information

### **MemDX™ Membrane Protein Human FZD4 (Frizzled class receptor 4) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein**

Cat. No.: **MPX3614K**

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

This product is a Human FZD4 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**

FZD4

##### **Protein Length**

Full Length of Mature Protein

##### **Protein Class**

GPCR

##### **TMD**

7

##### **Sequence**

FGDEEERRCDPIRISM CQNLGYNVTKMPNLVGHELQTD AELQLTTFTPLIQYGCSSQLQFFLCSVYVPMCTEKINIPIGPCGGMCLSY

#### 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

FZD4

#### Full Name

Frizzled class receptor 4

#### Introduction

This 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. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence.

#### Alternative Names

FZD4; Fz4; EVR1; FEVR; Fz-4; FzE4; GPCR; hFz4; CD344; FZD4S; frizzled-4; WNT receptor frizzled-4; frizzled 4, seven transmembrane spanning receptor; frizzled family receptor 4; frizzled homolog 4; Frizzled class receptor 4

#### Gene ID

[8322](#)

#### UniProt ID

[Q9ULV1](#)