

# Product Information

## **MemDX™ Membrane Protein Human FZD5 (Frizzled class receptor 5) Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein**

Cat. No.: **MPX3632K**

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

This product is a Human FZD5 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**

FZD5

#### **Protein Length**

Full Length of Mature Protein

#### **Protein Class**

GPCR

#### **TMD**

7

#### **Sequence**

ASKAPVCQEITVPMCRGIGYNLTHMPNQFNHDTQDEAGLEVHQFWPLVEIQCSPLRFFLCSTMYTPICLPDYHKPLPPCRSVCERA

### 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**

FZD5

#### **Full Name**

Frizzled class receptor 5

#### **Introduction**

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the Wnt5A ligand.

#### **Alternative Names**

FZD5; HFZ5; C2orf31; frizzled-5; Wnt receptor; frizzled family receptor 5; fz-5; fzE5; seven-transmembrane receptor frizzled-5; Frizzled class receptor 5

#### **Gene ID**

[7855](#)

#### **UniProt ID**

[Q13467](#)