

# Product Information

## MemDX™ Membrane Protein Human FZD4 (Frizzled class receptor 4) Expressed in NS0 for Antibody Discovery, Partial (37-180aa)

Cat. No.: **MPX0026K**

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

This product is a 42.8 kDa Human FZD4 membrane protein expressed in NS0. 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

Partial (37-180aa)

#### Protein Class

GPCR

#### Molecular Weight

42.8 kDa

#### TMD

7

#### Sequence

FGDEEERRCDPIRI  
SMCQNLGYNVTKMPNLVGHQLTDAELQLTFTPLIQYGCSSQLQFFLCS  
VYVPMCTEKINIPIGPCGGMCLSVKRRCEPVLKEFGFAWPESLNCCKFPP  
QNDHNHMCMEGPGDEEVPLPHKTPIQPGEE

### Product Description

#### Expression Systems

NS0

#### Tag

hIgG1 Fc tag at the C-terminus

#### Protein Format

Soluble

**Form**

LYOPH

**Reconstitution**

Reconstitute at 400 µg/mL in PBS.

**Endotoxin**

<0.1 EU/µg by the LAL method

**Purity**

>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.

**Buffer**

Lyophilized from a 0.2 µm filtered solution in PBS.

**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**

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; FZD4; Frizzled class receptor 4

**Gene ID**

[8322](#)

**UniProt ID**

[Q9ULV1](#)