

## Product Information

### **MemDX™ Membrane Protein Human FZD5 (Frizzled class receptor 5) Expressed in NS0 for Antibody Discovery, Partial (27-167aa)**

Cat. No.: **MPX0027K**

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

This product is a 42.5 kDa Human FZD5 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**

FZD5

##### **Protein Length**

Partial (27-167aa)

##### **Protein Class**

GPCR

##### **Molecular Weight**

42.5 kDa

##### **TMD**

7

##### **Sequence**

ASKAPVCQEITVPMCRGIGYNLTH  
MPNQFNHDTQDEAGLEVHQFWPLVEIQCSPDLRFFLCSTMYTPICLPDYHK  
PLPPCRSVCERAKAGCSPLMRQYGFAWPERMSCDRLPVLGRDAEVLCMDY  
NRSEATTAPPRPFAKP

#### Product Description

##### **Expression Systems**

NS0

##### **Tag**

hIgG1 Fc tag at the C-terminus

##### **Protein Format**

Soluble

**Form**

LYOPH

**Reconstitution**

Reconstitute at 200 µg/mL in sterile PBS.

**Endotoxin**

<0.1 EU/µg by the LAL method

**Purity**

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

**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**

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**

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

**Gene ID**

[7855](#)

**UniProt ID**

[Q13467](#)