

# Product Information

## MemDX™ Membrane Protein Human FZD9 (Frizzled class receptor 9) Full Length

Cat. No.: **MPC0104K**

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

This product is a 64.4 kDa Human FZD9 membrane protein expressed in HEK293. 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

FZD9

#### Protein Length

Full length

#### Protein Class

GPCR

#### Molecular Weight

64.4 kDa

#### TMD

7

#### Sequence

MAVAPLRGALLLWQLLAAGGAAL EIGRFDPERGRGAAPCQAVEIPMCRGI  
GYNLTRMPNLLGHTSQGEAAAEAEFAPLVQYGCHSHLRFFLCSLYAPMC  
TDQVSTPIACRPMCEQARLRCAPIMEQFNFGWPDSLDCARLPTRNDPHA  
LCMEAPENATAGPAEPHKGLGMLPVAPRPAPPPGDLGPGAGGSGTCENPE  
KFQYVEKSRSCAPRCGPGVEVFWSRDKDFALVWMAVWSALCFFSTAFTV  
LTFLLPEHRFQYPERPIIFLSMCYNVYSLAFLIRAVAGAQSVACDQEAGA  
LYVIQEGLENTGCTLVFLLLYFGMASSLWWWVLTLTWFLAAGKKWGHEA  
IEAHGSYFHMAAWGLPALKTIVILTLRKVAGDELTLGCVVASTDAAALTG  
FVLVPLSGYLVLGSSFLLTG FVALFHIRKIMKTGGTNTKLEKLMVKIGV  
FSILYTPATCVIVCYVYERLNMDFWRLRATEQPCAAAAGPGGRRDCSLP  
GGSVPTVAVFMLKIFMSLVVGITSGVWWWSSKTFQTWQSLCYRKIAAGRA  
RAKACRAPGSYGRGTHCHYKAPT VVLHMTKTDPSPLENPTHL

### Product Description

#### Expression Systems

HEK293

**Tag**

Based on specific requirements

**Protein Format**

Detergent or based on specific requirements

**Form**

Liquid

**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**

FZD9

**Full Name**

Frizzled class receptor 9

**Introduction**

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD9 gene is located within the Williams syndrome common deletion region of chromosome 7, and heterozygous deletion of the FZD9 gene may contribute to the Williams syndrome phenotype. FZD9 is expressed predominantly in brain, testis, eye, skeletal muscle, and kidney.

**Alternative Names**

frizzled 9, seven transmembrane spanning receptor; frizzled family receptor 9; frizzled homolog 9; fz-9; fzE6; hFz9; FZD3; CD349; frizzled-9; FZD9; Frizzled class receptor 9

**Gene ID**

[8326](#)

**UniProt ID**

[Q00144](#)