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Product Information

MemDX™ Membrane Protein Human FZD9 (Frizzled class receptor 9) Expressed in HEK293 for Antibody Discovery, Partial (23-185aa)

Cat. No.: **MPX0030K**
This product is for research use only and is not intended for diagnostic use.

This product is a 44 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
Partial (23-185aa)

Protein Class
GPCR

Molecular Weight
44 kDa

TMD
7

Sequence
LEIGRFDPERGRGAAPCQAVEIPMCRGI
GYNLTRMPNLLGHTSQGEAAAELAEFAPLVQYGCHSHLRFFLCSLYAPMC
TDQVSTPIPACRPMCEQARLRCAPIMEQFNFGWPDSLDCARLPTRNDPHA
LCMEAPENATAGPAEPHKGLGMLPVAPRPARPPGD

Product Description

Expression Systems
HEK293

Tag
hIgG1 Fc tag at the C-terminus

Protein Format
Soluble

Form

LYOPH

Reconstitution

Reconstitute at 500 μg/mL in 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 with Trehalose.

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

O00144

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