

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
SMCQNLGYNVTKMPNLVGHELQTDALQLTTFTPLIQYGCSSQLQFFLCS
VYVPMCTEKINIPIGPCGGMCLSVKRRCEPVLKEFGFAWPESLNCSKFPP
QNDHNHMCMEPGDDEEVPLPHKTPIQPGEE

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](#)