

Product Information

MemDX™ Membrane Protein Human FZD2 (Frizzled class receptor 2) Expressed in NS0 for Antibody Discovery, Partial (29-168aa)

Cat. No.: **MPX0025K**

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

This product is a 42.3 kDa Human FZD2 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

FZD2

Protein Length

Partial (29-168aa)

Protein Class

GPCR

Molecular Weight

42.3 kDa

TMD

7

Sequence

KGISIPDHGFCQPISIPLCTDI
AYNQTIMPNLLGHTNQEDAGLEVHQFYPLVKVQCSPELRRFLCSMYAPVC
TVLEQAIPPCRSICERARQGCEALMNKFGQWPERLCEHFPRHGAEQIC
VGQNHSEDGAPALLTTAP

Product Description

Expression Systems

NS0

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.1 EU/µg by the LAL method

Purity

>90%, 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**

FZD2

Full Name

Frizzled class receptor 2

Introduction

This intronless 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. This gene encodes a protein that is coupled to the beta-catenin canonical signaling pathway. Competition between the wingless-type MMTV integration site family, member 3A and wingless-type MMTV integration site family, member 5A gene products for binding of this protein is thought to regulate the beta-catenin-dependent and -independent pathways.

Alternative Names

Fz2; fz-2; fzE2; hFz2; OMOD2; frizzled-2; frizzled 2, seven transmembrane spanning receptor; frizzled family receptor 2; frizzled homolog 2; FZD2; Frizzled class receptor 2

Gene ID

[2535](#)

UniProt ID

[Q14332](#)