

Product Information

MemDX™ Membrane Protein Human FZD7 (Frizzled class receptor 7) Full Length

Cat. No.: **MPC0102K**

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

This product is a 63.6 kDa Human FZD7 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

FZD7

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

63.6 kDa

TMD

7

Sequence

MRDPGAAAPLSSSLGLCALVLALLGALSAGAGAQPYPHGEKGISVDPDHGFCQ
PISIPCLTDIAYNQITLPNLLGHTNQEDAGLEVHQFYPLVKVQCSPELRF
FLCSMYAPVCTVLDQAIPPCRS LCERARQGCEALMNKFGFQWPERLRCEN
FPVHGAGEICVGQNTSDGSGGPGGGPTAYPTAPYLPDLPFTALPPGASDG
RGRPAFPFSCPRQLKVPPYLG YRFLGERDCGAPCEPGRANGLMYFKEEER
RFARLWVG VWSVLCCASTLFTVLT YLVDMRRFSYPERPIIFLSGCYFMVA
VAHVAGFLL EDRAVCVERFSDDGYRTVAQG TKKEGCTILFMVLYFFGMAS
SIWWWILSLTWFLAAGMKWGHEAIEANSQYFH LAAWAVPAVKTITILAMG
QVDGDLLSGVCYVGLSSVDALRGFVLAPLFVYLF IGTSFLLAGFVSLFRI
RTIMKHDG TKTEKLEKLMVRIGVFSVLYTVPATIVLACYFYEQA FHEHWE
RTWLLQTCKSYAVPCPPGHFPPMSPDFTVFM IKYLMTMIVGITTGFWIWS
GKTLQSWRRFYHRLSHSSKGETAV

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**

FZD7

Full Name

Frizzled class receptor 7

Introduction

Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD7 protein contains an N-terminal signal sequence, 10 cysteine residues typical of the cysteine-rich extracellular domain of Fz family members, 7 putative transmembrane domains, and an intracellular C-terminal tail with a PDZ domain-binding motif. FZD7 gene expression may downregulate APC function and enhance beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas.

Alternative Names

FzE3; frizzled-7; Frizzled, drosophila, homolog of, 7; frizzled 7, seven transmembrane spanning receptor; frizzled family receptor 7; frizzled homolog 7; fz-7; hFz7; FZD7; Frizzled class receptor 7

Gene ID

[8324](#)

UniProt ID

[Q75084](#)