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Product Information

MemDX™ Membrane Protein Human FZD2 (Frizzled class receptor 2) Full Length

Cat. No.: **MPC0097K**
This product is for research use only and is not intended for diagnostic use.

This product is a 63.5 kDa Human FZD2 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
FZD2

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
63.5 kDa

TMD
7

Sequence
MRPRSALPRLLLPLLLLPAAGPAQFHGEKGISIPDHGFCQPISIPLCTDI
AYNQTIMPNLLGHTNQEDAGLEVHQFYPLVKVQCSPELRFFLCSMYAPVC
TVLEQAIPPCRSICERARQGCEALMNKFGFQWPERLRCEHFPRHGAEQIC
VGQNHSEDGAPALLTTAPPPGLQPGAGGTPGGPGGGGAPPRYATLEHPFH
CPRVLKVPSYLSYKFLGERDCAAPCEPARPDGSMFFSQEETRFARLWILT
WSVLCCASTFFTVTTYLVDMQRFRYPERPIIFLSGCYTMVSVAYIAGFVL
QERVVCNERFSEDGYRTVVQGTKKEGCTILFMMLYFFSMASSIWWVILSL
TWFLAAGMKWGHEAIEANSQYFHLAAWAVPAVKTITILAMGQIDGDLLSG
VCFVGLNSLDPLRGFVLAPLFVYLFIGTSFLLAGFVSLFRIRTIMKHDGT
KTEKLERLMVRIGVFSVLYTVPATIVIACYFYEQAFREHWERSWVSQHCK
SLAIPCPAHYTPRMSPDFTVYMIKYLMTLIVGITSGFWIWSGKTLHSWRK
FYTRLTNSRHGETTV

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

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