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Product Information

MemDX™ Membrane Protein Human FZD3 (Frizzled class receptor 3) Full Length

Cat. No.: **MPC0098K**
This product is for research use only and is not intended for diagnostic use.

This product is a 76.2 kDa Human FZD3 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
FZD3

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
76.2 kDa

TMD
7

Sequence
MAMTWIVFSLWPLTVFMGHIGGHSLFSCEPITLRMCQDLPYNTTFMPNLL
NHYDQQTAALAMEPFHPMVNLDCSRDFRPFLCALYAPICMEYGRVTLPCR
RLCQRAYSECSKLMEMFGVPWPEDMECSRFPDCDEPYPRLVDLNLAGEPT
EGAPVAVQRDYGFWCPRELKIDPDLGYSFLHVRDCSPPCPNMYFRREELS
FARYFIGLISIICLSATLFTFLTFLIDVTRFRYPERPIIFYAVCYMMVSL
IFFIGFLLEDRVACNASIPAQYKASTVTQGSHNKACTMLFMILYFFTMAG
SVWWVILTITWFLAAVPKWGSEAIEKKALLFHASAWGIPGTLTIILLAMN
KIEGDNISGVCFVGLYDVDALRYFVLAPLCLYVVVGVSLLLAGIISLNRV
RIEIPLEKENQDKLVKFMIRIGVFSILYLVPLLVVIGCYFYEQAYRGIWE
TTWIQERCREYHIPCPYQVTQMSRPDLILFLMKYLMALIVGIPSVFWVGS
KKTCFEWASFFHGRRKKEIVNESRQVLQEPDFAQSLLRDPNTPIIRKSRG
TSTQGTSTHASSTQLAMVDDQRSKAGSIHSKVSSYHGSLHRSRDGRYTPC
SYRGMEERLPHGSMSRLTDHSRHSSSHRLNEQSRHSSIRDLSNNPMTHIT
HGTSMNRVIEEDGTSA

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

FZD3

Full Name

Frizzled class receptor 3

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. The function of this protein is unknown, although it may play a role in mammalian hair follicle development. Alternative splicing results in multiple transcript variants. This gene is a susceptibility locus for schizophrenia.

Alternative Names

Fz-3; frizzled-3; frizzled 3, seven transmembrane spanning receptor; frizzled family receptor 3; frizzled homolog 3; FZD3; Frizzled class receptor 3

Gene ID

7976

UniProt ID

Q9NPG1

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