

Product Information

MemDX™ Membrane Protein Human JPH4 (Junctophilin 4) Full Length

Cat. No.: **MPC1060K**

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

This product is a 65.8 kDa Human JPH4 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

JPH4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

65.8 kDa

TMD

1

Sequence

MSPGGKFD FDDGGCYVGGWEAGRAHGYGVCTGPGAQGEYSGCWAHGFESL
GVFTGPGGHSYQGHWQQGKREGLGVERKSRWTYRGEWLGGKGRSGVWES
VSGRLRYAGLWKDGFQDGYGTETYSDDGGTYQQQWQAGKRHGYGVRQSVPYH
QAALLRSPRRTSLDSGHS DPPTPPPPLPLPGDEGGSPASGSRGGFVLAGP
GDADGASSRKRTPAAGGFFRRSLLL SGLRAGGRRSSLGSKRGS LRSEVSS
EVGSTGPPGSEASGPPAAAPPALIEGSATEVYAGEWRADRRSGFGVSQRS
NGLRYEGEWLGNRRHGYGRTRPDGSREEGKYKRNLVHGGRVRSLLPLA
LRRGKVKEKVDRAVEGARRAVSAARQRQEIAAARAADALLKAVAASSVAE
KAVEAARMAKLIAQDLQPMLEAPGRRRPRQDSEGS DTEPLDEDSPGVYENG
LTPSEGSPELPSSPASSRQPWRPPACRSPLPPGGDQGPFS SPKAWPEEWG
GAGAQAEELAGYEADEAGMQGPGRDGSPLLGGCSDSSGSLREEEGEDE
EPLPPLRAPAGTEPEPIAMLVLRGSSSRGPDAGCLTEELGEPAATERPAQ
PGAANPLVVGAVALLDLSLAFLFSQLLT

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**

JPH4

Full Name

Junctophilin 4

Introduction

This gene encodes a member of the junctophilin family of transmembrane proteins that are involved in the formation of the junctional membrane complexes between the plasma membrane and the endoplasmic/sarcoplasmic reticulum in excitable cells. The encoded protein contains a conserved N-terminal repeat region called the membrane occupation and recognition nexus sequence that is found in other members of the junctophilin family. Alternative splicing results in multiple transcript variants.

Alternative Names

JPH4; JP4; JPHL1; junctophilin-4; JP-4; junctophilin like 1; junctophilin-like 1 protein; KIAA1831; Junctophilin 4

Gene ID

[84502](#)

UniProt ID

[Q96JJ6](#)