

Product Information

MemDX™ Membrane Protein Human PORCN (Porcupine O-acyltransferase) Full Length

Cat. No.: **MPC3014K**

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

This product is a made-to-order Human PORCN 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

PORCN

Protein Length

Full length

Protein Class

Transferase

TMD

8

Sequence

MATFSRQEFFQQLLQGCLLPTAQQGLDQIWLLLAICLACRLLWRLGLPSY
LKHAHVAGGFFSLYHFFQLHMVWVLLSLLCYLVFLCRHSSHGRGVFLS
VTILYLLMGEMHMDTVTWKMRGAQMIVAMKAVSLGFDLDRGEVGTVP
SPVEFMGYLYFVGTVFPGWISFHSYLQAVQGRPLSCRWLQKVARSLALA
LLCLVLSTCVGPYLFYFIPLNGDRLLRNKKRKARGTMVRWLRAYESAVS
FHFSNYFVGFLSEATATLAGAGFTEEKDHLEWDLTVSKPLNVELPRSMVE
VVTSWNLPMYSYWLNNYVFKNALRLGTFSAVLVTYAASALLHGFSFHAAV
LLSLAFITYVEHVLRLRLARILSACVLSKRCPPDCSHQHRLGLGVRALNL
LFGALAFHFLAYLGLSLFDVDVDDTTEEQGYGMAYTVHKWSELWSHWWT
FGCWIFYRLIG

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

PORCN

Full Name

Porcupine O-acyltransferase

Introduction

This gene belongs to the evolutionarily conserved porcupine (Porc) gene family. Genes of the porcupine family encode endoplasmic reticulum proteins with multiple transmembrane domains. Porcupine proteins are involved in the processing of Wnt (wingless and int homologue) proteins. Disruption of this gene is associated with focal dermal hypoplasia, and the encoded protein has been implicated in cancer. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.

Alternative Names

PORCN; PPN; DHOF; FODH; MG61; PORC; protein-serine O-palmitoleoyltransferase porcupine; porcupine homolog; probable protein-cysteine N-palmitoyltransferase porcupine; Porcupine O-acyltransferase

Gene ID

[64840](#)

UniProt ID

[Q9H237](#)