

Product Information

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

Cat. No.: **MP0030F**

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

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

Enzyme

Molecular Weight

51 kDa

TMD

8

Sequence

MATFSRQEFFQQLLQGCLLPTAQQGLDQIWLLLAICLACRLLWRLGLPSYLKHAHVAGG
FFSLYHFFQLHMVWVLLSLLCYLVFLCRHSSHRGVFLSVTILYLLMGEMHMDTVTW
HKMRGAQMIVAMKAVSLGFDLDRGEVGTVPSPVEFMGYLYFVGTIVFGPWISFHSYLQAV
QGRPLSCRWLQKVARSLALALLCLVLSTCVGPYLPYFIPLNGDRLLRNKKRKARGTMVR
WLRAYESAVSFHFSNYFVGFLSEATATLAGAGFTEEKDHLEWDLTVSKPLNVELPRSMVE
VVTSWNLPMYSYWLNNYVFKNALRLGTFSAVLVTYAASALLHGFSFHLAAVLLSLAFITYV
EHVLRKRLARILSACVLSKRCPPDCSHQHRLGLGVRALNLLFGALAIFHLAYLGSLFDVD
VDDTTEEQGYGMAYTVHKWSELSWASHWVTFGCWIFYRLIG

Product Description

Activity

To be tested

Application

Screening & display technologies, Antibody development, Structural Biology

Expression Systems

Cell-free expression system

Tag

Histidine tag fused to the N-terminal end of the protein

Protein Format

Proteoliposome

Form

Powder

Purification

Sucrose gradient

Purity

>50% by SDS-Page and Coomassie Blue staining

Buffer

Tris 50mM, pH 7.5

Storage

Store at +4°C for up to one week or several months at -80°C

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

PPN, DHOF, FODH, MG61, PORC

Gene ID

[64840](#)

UniProt ID

[Q9H237](#)