

Product Information

MemDX™ Membrane Protein Human PLD3 (Phospholipase D family member 3) Full Length

Cat. No.: **MPC1410K**

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

This product is a 54.7 kDa Human PLD3 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

PLD3

Protein Length

Full length

Protein Class

Immunity

Molecular Weight

54.7 kDa

TMD

1

Sequence

MKPKLMYQELKVPAAEPPANELPMNEIEAWKAAEKKARWVLLVLILAVVGF
GALMTQLFLWEYGDLHLFGPNQRPAPCYDPCEAVLVESIPEGLDFPNAST
GNPSTSQAWLGLLAGAHSSLDIASFYWTLTNNDTHTQEPSAQQGEEVLRQ
LQTLAPKGVNVRIAVSKPSGPQPQADLQALLQSGAQVRMVDMQKLTHGVL
HTKFWVVDQTHFYLG SANMDWRSLTQVKELGVVMYNC SCLARDLTKIFEA
YWFLGQAGSSIPSTWPRFYDTRYNQETPMEICLNGTPALAYLASAPPLC
PSGRTPDLKALLNVVDNARSFIYVAVMNYLPTLEFSHPHRFWPAIDDGLR
RATYERGVKVRLLISCWGHSEPSMRAFLLSLAALRDNHTHSDIQVKLFVV
PADEAQRIPYARVNH NKYMVTERATYIGTSNWSGNYFTETAGTSLLVTQ
NGRGGLRSQLEAIFLRDWDSPYSHDLDT SADS VGNACRLL

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**

PLD3

Full Name

Phospholipase D family member 3

Introduction

This gene encodes a member of the phospholipase D (PLD) family of enzymes that catalyze the hydrolysis of membrane phospholipids. The encoded protein is a single-pass type II membrane protein and contains two PLD phosphodiesterase domains. This protein influences processing of amyloid-beta precursor protein. Mutations in this gene are associated with Alzheimer disease risk. Alternatively spliced transcript variants encoding the same protein have been found for this gene.

Alternative Names

PLD3; AD19; HUK4; HU-K4; SCA46; 5'-3' exonuclease PLD3; choline phosphatase 3; hindIII K4L homolog; phosphatidylcholine-hydrolyzing phospholipase D3; Phospholipase D family member 3

Gene ID

[23646](#)

UniProt ID

[Q8IV08](#)