

Product Information

MemDX™ Membrane Protein Human PLPPR1 (Phospholipid phosphatase related 1) for Antibody Discovery

Cat. No.: **MP0691J**

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

This product is a 35.6 kDa Human PLPPR1 membrane protein expressed in HEK293T. 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

PLPPR1

Protein Length

Full-length

Protein Class

Phosphatase, Transmembrane

Molecular Weight

35.6 kDa

TMD

6

Sequence

MAVGNNTQRSYSIIPCFIFVELVIMAGTVLLAYYFECTDTFQVHIQGFCCQDGDLMKPYPGTEEESFITP
LVLYCVLAATPTAIIFIGEISMYFIKSTRESLIAQEKILTGECCYLNPLLRRRIIRFTGVFAFGLFATDI
FVNAGQVVTGHLTPYFLTVCKPNYTSADCQAHHQFINNGNICTGDLEVIEKARRSFPSKHAALSIYSALY
ATMYITSTIKTKSSRLAKPVLCLGTLCTAFLTGLNRVSEYRNHCSDVIAGFILGTAVALFLGMCVVHNFK
GTQGSPSKPKPEDPRGVPLMAFPRIESPLETLSAQNHASMTTEVT

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

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

Target

Target Protein

PLPPR1

Full Name

Phospholipid phosphatase related 1

Introduction

This gene encodes a member of the plasticity-related gene (PRG) family. Members of the PRG family mediate lipid phosphate phosphatase activity in neurons and are known to be involved in neuronal plasticity. The protein encoded by this gene does not perform its function through enzymatic phospholipid degradation. This gene is strongly expressed in brain. It shows dynamic expression regulation during brain development and neuronal excitation. Alternatively spliced transcript variants encoding the same protein have been observed.

Alternative Names

LPPR1; PRG-3

Gene ID

[54886](#)

UniProt ID

[Q8TBJ4](#)