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Product Information

MemDX™ Membrane Protein Human PARL (Presenilin associated rhomboid like) Full Length

Cat. No.: **MPC1950K**

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

This product is a 42.1 kDa Human PARL 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

PARL

Protein Length

Full length

Protein Class

Protease

Molecular Weight

42.1 kDa

TMD

7

Sequence

MAWRGWAQRGWGCGQAWGASVGGRSCEELTAVLTPPQLLGRRFNFFIQQK
CGFRKAPRKVEPRRSDPGTSGEAYKRSALIPPVEETVFYPSPYPIRSLIK
PLFFTVGFTGCAFGSAAIWQYESLKSRVQSYFDGIKADWLDSIRPQKEGD
FRKEINKWWNNLSDGQRTVTGIIAANVLVFCLWRVPSLQRTMIRYFTSNP
ASKVLCSPMLLSTFSHFSLFHMAANMYVLWSFSSSIVNILGQEQFMAVYL
SAGVISNFVSYVGKVATGRYGPSLGASGAIMTVLAAVCTKIPEGRLAIIF
LPMFTFTAGNALKAIIAMDTAGMILGWKFFDHAAHLGGALFGIWYVTYGH
ELIWKNREPLVKIWHEIRTNGPKKGGGSK

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 -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein
PARL

Full Name
Presenilin associated rhomboid like

Introduction
This gene encodes a member of the rhomboid family of intramembrane serine proteases that is localized to the inner mitochondrial membrane. The encoded protein regulates mitochondrial remodeling and apoptosis through regulated substrate proteolysis. Proteolytic processing of the encoded protein results in the release of a small peptide, P-beta, which may transit to the nucleus. Mutations in this gene may be associated with Parkinson's disease.

Alternative Names
PARL; PSARL; PSARL1; RHBDS1; PRO2207; PSENIP2; presenilins-associated rhomboid-like protein, mitochondrial; mitochondrial intramembrane-cleaving protease PARL; rhomboid 7 homolog 1; Presenilin associated rhomboid like

Gene ID
55486

UniProt ID
Q9H300