SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

MemDX™ Membrane Protein Human PLA2G6 (Phospholipase A2 group VI) Full Length

Cat. No.: **MPC1537K**
This product is for research use only and is not intended for diagnostic use.

This product is a 89.9 kDa Human PLA2G6 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
PLA2G6

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
89.9 kDa

TMD
2

Sequence
MQFFGRLVNTFSGVTNLFSNPFRVKEVAVADYTSSDRVREEGQLILFQNT
PNRTWDCVLVNPRNSQSGFRLFQLELEADALVNFHQYSSQLLPFYESSPQ
VLHTEVLQHLTDLIRNHPSWSVAHLAVELGIRECFHHSRIISCANCAENE
EGCTPLHLACRKGDGEILVELVQYCHTQMDVTDYKGETVFHYAVQGDNSQ
VLQLLGRNAVAGLNQVNNQGLTPLHLACQLGKQEMVRVLLLCNARCNIMG
PNGYPIHSAMKFSQKGCAEMIISMDSSQIHSKDPRYGASPLHWAKNAEMA
RMLLKRGCNVNSTSSAGNTALHVAVMRNRFDCAIVLLTHGANADARGEHG
NTPLHLAMSKDNVEMIKALIVFGAEVDTPNDFGETPTFLASKIGRLVTRK
AILTLLRTVGAEYCFPPIHGVPAEQGSAAPHHPFSLERAQPPPISLNNLE
LQDLMHISRARKPAFILGSMRDEKRTHDHLLCLDGGGVKGLIIIQLLIAI
EKASGVATKDLFDWVAGTSTGGILALAILHSKSMAYMRGMYFRMKDEVFR
GSRPYESGPLEEFLKREFGEHTKMTDVRKPKVMLTGTLSDRQPAELHLFR
NYDAPETVREPRFNQNVNLRPPAQPSDQLVWRAARSSGAAPTYFRPNGRF
LDGGLLANNPTLDAMTEIHEYNQDLIRKGQANKVKKLSIVVSLGTGRSPQ
VPVTCVDVFRPSNPWELAKTVFGAKELGKMVVDCCTDPDGRAVDRARAWC
EMVGIQYFRLNPQLGTDIMLDEVSDTVLVNALWETEVYIYEHREEFQKLI
QLLLSP

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

PLA2G6

Full Name

Phospholipase A2 group VI

Introduction

The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodelling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells. Several transcript variants encoding multiple isoforms have been described, but the full-length nature of only three of them have been determined to date.

Alternative Names

PLA2G6; GVI; PLA2; INAD1; NBIA2; iPLA2; NBIA2A; NBIA2B; PARK14; PNPLA9; CaI-PLA2; IPLA2-VIA; iPLA2beta; 85/88 kDa calcium-independent phospholipase A2; 2-lysophosphatidylcholine acylhydrolase; 85 kDa calcium-independent phospholipase A2; GVI PLA2; iPLA2-beta; intracellular membrane-associated calcium-independent phospholipase A2 beta; neurodegeneration with brain iron accumulation 2; palmitoyl-CoA hydrolase; patatin-like phospholipase domain-containing protein 9; phospholipase A2, group VI (cytosolic, calcium-independent); Phospholipase A2 group VI

Gene ID

8398

UniProt ID

O60733

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