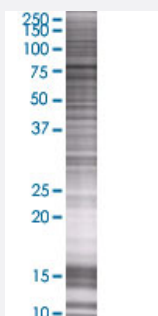


PLA2G6 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008398-T01

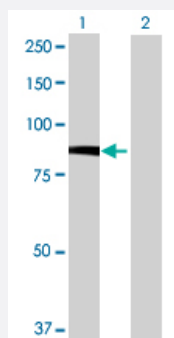
Size 100 uL

Applications



SDS-PAGE Gel

PLA2G6 transfected lysate.



Western Blot

Lane 1: PLA2G6 transfected lysate (82.83 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PLA2G6 full-length
Host	Human
Theoretical MW (kDa)	82.83
Interspecies Antigen Sequence	Mouse (83); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PLA2G6 antibody ([H00008398-B01](#)) by Western Blots.
 SDS-PAGE Gel
 PLA2G6 transfected lysate.
 Western Blot
 Lane 1: PLA2G6 transfected lysate (82.83 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PLA2G6

Entrez GeneID

[8398](#)

GeneBank Accession#

[NM_001004426.1](#)

Protein Accession#

[NP_001004426.1](#)

Gene Name

PLA2G6

Gene Alias

CaI-PLA2, GVI, INAD1, IPLA2-VIA, PARK14, PLA2, PNPLA9, iPLA2

Gene Description

phospholipase A2, group VI (cytosolic, calcium-independent)

Omim ID

[256600](#) [603604](#) [608395](#) [610217](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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 remodeling, 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 two of them have been determined to date. [provided by RefSeq]

Other Designations

OTTHUMP00000028877|calcium-independent phospholipase A2|cytosolic, calcium-independent phospholipase A2|patatin-like phospholipase domain containing 9|phospholipase A2, group VI

Pathway

- [alpha-Linolenic acid metabolism](#)
- [Arachidonic acid metabolism](#)
- [Ether lipid metabolism](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Glycerophospholipid metabolism](#)
- [GnRH signaling pathway](#)
- [Linoleic acid metabolism](#)
- [Long-term depression](#)
- [MAPK signaling pathway](#)
- [Metabolic pathways](#)
- [Vascular smooth muscle contraction](#)
- [VEGF signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dystonia](#)
- [Edema](#)
- [Frontotemporal Dementia](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)

- [Melanoma](#)
- [Neurodegenerative Diseases](#)
- [Nevus](#)
- [Parkinson Disease](#)
- [Parkinsonian Disorders](#)
- [Precancerous Conditions](#)
- [Psychotic Disorders](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Skin Neoplasms](#)
- [Sunburn](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)