

## PLA2G3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00050487-T01

規格 : [ 100 uL ]

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### Specification

**Transfected Cell Line:** 293T

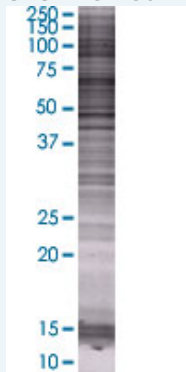
**Plasmid:** pCMV-PLA2G3 full-length

**Host:** Human

**Theoretical MW (kDa):** 56.1

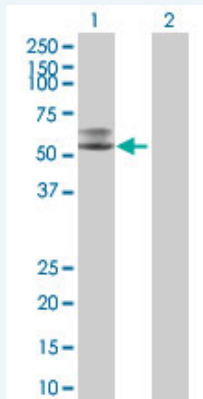
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PLA2G3 antibody (H00050487-B01) by Western Blots.

#### SDS-PAGE Gel



PLA2G3 transfected lysate.

#### Western Blot



Lane 1: PLA2G3 transfected lysate ( 56.1 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.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [50487](#)

GeneBank Accession#: [NM\\_015715.2](#)

Protein Accession#: [AAH25316.1](#)

Gene Name: PLA2G3

Gene Alias: GIII-SPLA2,SPLA2III

Gene Description: phospholipase A2, group III

Omim ID: [611651](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: PLA2G3 belongs to the family of secreted phospholipase A2 (sPLA2; EC 3.1.1.4) proteins. These Ca(2+)-dependent lipolytic enzymes have a conserved Ca(2+)-binding loop and a his-asp dyad in the catalytic site (Murakami et al., 2003 [PubMed 12522102]).[supplied by OMIM]

Other Designations: group III secreted phospholipase A2,phosphatidylcholine 2-acylhydrolase GIII

### Gene Pathway

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

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