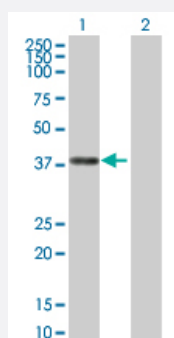


PLA2G4B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008681-T01

Size 100 uL

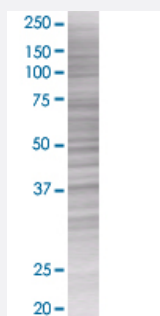
Applications



Western Blot

Lane 1: PLA2G4B transfected lysate (35.9 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

PLA2G4B transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-PLA2G4B full-length

Host Human

Theoretical MW (kDa) 34.87

Quality Control Testing Transient overexpression cell lysate was tested with Anti-PLA2G4B antibody ([H00008681-B01](#)) by Western Blots.
Western Blot
Lane 1: PLA2G4B transfected lysate (35.9 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
PLA2G4B 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 — JMJD7-PLA2G4B

Entrez GeneID	8681
GeneBank Accession#	ENST00000335032
Protein Accession#	-
Gene Name	JMJD7-PLA2G4B
Gene Alias	HsT16992, PLA2G4B, cPLA2-beta
Gene Description	JMJD7-PLA2G4B readthrough transcript
Omim ID	606088
Gene Ontology	Hyperlink
Gene Summary	This gene transcribes naturally-occurring mRNAs that are co-transcribed products of the neighboring JMJD7 and PLA2G4B genes. Incompletely processed read-through transcripts from these two loci are abundantly expressed in most tissues, but the function of the predicted protein product has not yet been determined. Alternative splicing of this gene results in different transcript variants, some of which are candidates for nonsense-mediated decay (NMD). [provided by RefSeq]
Other Designations	JMJD7-PLA2G4B protein JMJD7-PLA2G4B read-through OTTHUMP00000041703 phospholipase A2, group IVB (cytosolic)

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](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dyslexia](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)