

Recombinant Human PLA2G16 293 Cell Lysate

Cat. No. PLA2G16-3143HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for phospholipase A2, group XVI (PLA2G16), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

PLA2G16 phospholipase A2, group XVI [Homo sapiens]

Official Symbol

PLA2G16

Synonyms

PLA2G16; phospholipase A2, group XVI; HRAS like suppressor 3 , HRASLS3; group XVI phospholipase A2; adipose specific PLA2; AdPLA; H REV107 1; HREV107; HREV107 3; MGC118754.; adipose-specific PLA2; HRAS-like suppressor 1; HRAS-like suppressor 3; H-rev 107 protein homolog; Ca-independent phospholipase A1/2; adipose-specific phospholipase A2; renal carcinoma antigen NY-REN-65; HRSL3; HRASLS3; HREV107-1; HREV107-3; H-REV107-1; MGC118754;

Gene ID

11145

mRNA Refseq

NM_001128203

Protein Refseq

NP_001121675

MIM

613867

UniProt ID

P53816

Chromosome Location

11q12.3

Pathway

phospholipases, organism-specific biosystem;

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Function

hydrolase activity; phospholipase A2 activity; protein binding;

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