

Phospholipase A2 Group VII (LpPLA2) Recombinant Protein | LpPLA2 recombinant protein

Recombinant Phospholipase A2 Group VII (LpPLA2)

CATALOG # AAA152254	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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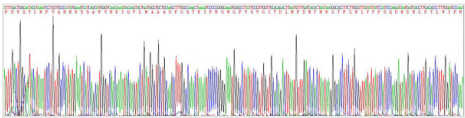
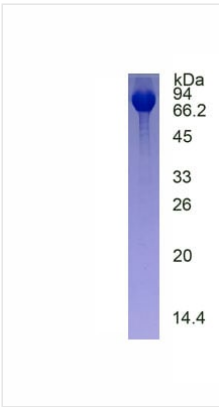
PRODUCT SYNONYMS

Phospholipase A2 Group VII (LpPLA2); Recombinant Phospholipase A2 Group VII (LpPLA2); LpPLA2/Phospholipase A2 Group VII; PLA2G7; PAF-AH; PAFAH; Lp-PLA2; LDL-PLA2; Platelet Activating Factor Acetylhydrolase; Plasma; Phospholipase A2; Group VII; LDL-associated phospholipase A2; Lipoprotein Associated; LpPLA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Phe22~Asn4 41
Applicable Applications for LpPLA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	7.1
Tag	N-terminal His and GST Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Extracellular matrix
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

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FDWQYINPV AHMKSSAHVN KIQVLMMAAS
FGQTKIPRGN GPYSVGCTDL MFDHTNKGTF LRLYVPSQDN DRDLTLWIPN
KEYFWGLSKF LGTHWLMGNI LRLFLGSMIT PANWNSPLRP GEKYPLVVF5
HGLGAFRTLY SAIGIDLASH GFIVAAVEHR DRSASATYF KDQSAAEIGD
KSWLYLRTLK QEEETHIRNE QVRQAKECS QALSLILDID HGKPVKNALD
LKFDMEQLKD SIDREKIAVI GHSFGGATVI QTLSEDQRFR CGIALDAWMF
PLGDEVYSRI PQPLFFINSE YFQYPANIIK MKKCYSPOKE RKMITIRGSV
HQNFADFTFA TGKIIGHMLK LKGDIDSNA IDLSNKASLA FLQKHLGLHK
DFDQWDCLIE GDDENLIPGT NINTTNQHIM LQNSSGIEKY N
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for LpPLA2 recombinant protein Enzyme & Kinase; Metabolic pathway; Infection immunity; Prokaryotic Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

NCBI GI #	1314246
NCBI GeneID	7941
UniProt Accession #	Q13093; Q15692; Q5VTT1; Q8IVA2; A5HTT5
Molecular Weight	50,077 Da
NCBI Official Full Name	LDL-phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
NCBI Official Symbol	PLA2G7
NCBI Official Synonym Symbols	PAFAD; PAFAH; LP-PLA2; LDL-PLA2
NCBI Protein Information	platelet-activating factor acetylhydrolase; LDL-PLA(2); gVIIA-PLA2; PAF 2-acylhrolase; PAF acetylhydrolase; group-VIIA phospholipase A2; LDL-associated phospholipase A2; lipoprotein-associated phospholipase A2; 1-alkyl-2-acetylglycerophosphocholine este
UniProt Protein Name	Platelet-activating factor acetylhydrolase
UniProt Gene Name	PLA2G7
UniProt Synonym Gene Names	PAFAH; PAF acetylhydrolase; gVIIA-PLA2; LDL-PLA(2)
UniProt Entry Name	PAFA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

