

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

Recombinant Phospholipase A2 Group VII (LpPLA2)

CATALOG # AAA152257	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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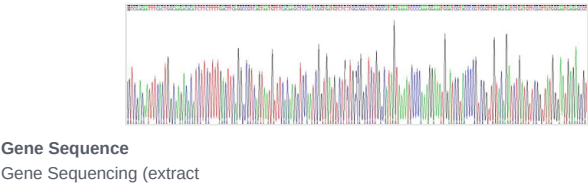
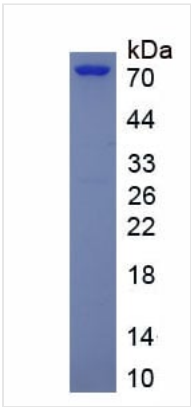
PRODUCT SYNONYMS

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 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Phe22~Asn4 40
Applicable Applications for LpPLA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Isoelectric Point	6.6
Tag	Two N-terminal Tags, His-tag and SUMO-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	Secreted, 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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FHWQDTSSF DFRPSVMPHK LQSVMSAAGS
GHSKIPKGMG SYPVGCTDLM FGYGNEVSFV RLYYPAQDQG RLDTVWIPNK
EYFLGLSIFL GTPSIVGNIL HLLYGLSTTP ASWNSPLRTG EKYPLIVFSH
GLGAFRTIYS AIGIGLASNG FIVATVEHRD RSASATYPFE DQVAAKVENR
SWLYLRKVKQ EESESVRKEQ VQQRABCSR ALSAILEDIEH GDPKENVLGS
AFDMKQLKDA IDETKIALMG HSGGGATVLQ ALSEDQRFRC GVALDPWMYP
VNEELYSRTL QPLLFINSAK FQTPKDIAM KKFYQPKER KMITIKGSVH
QNFDDFTFVT GKIIGNKLT LKGEIDSRVAI DLTNKASMAF LQKHLGLQKD
FDQWDPLVEG DDENLIPGSP FDAVTQVPAQ QHSPGSQTQN
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Sequence

ADDITIONAL INFORMATION

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

NCBI GI #	31980752
NCBI GeneID	27226
NCBI Accession #	NP_038765.2
NCBI GenBank Nucleotide #	NM_013737.5
UniProt Accession #	Q60963; Q8BKM3; Q921T4
Molecular Weight	49,258 Da
NCBI Official Full Name	platelet-activating factor acetylhydrolase
NCBI Official Synonym Full Names	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
NCBI Official Symbol	Pla2g7
NCBI Official Synonym Symbols	PAF-AH; R75400
NCBI Protein Information	platelet-activating factor acetylhydrolase
UniProt Protein Name	Platelet-activating factor acetylhydrolase
UniProt Gene Name	Pla2g7
UniProt Synonym Gene Names	Pafah; PAF acetylhydrolase; LDL-PLA(2)

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.

