

Phospholipase A2, Lipoprotein Associated (LpPLA2) Recombinant Protein | LpPLA2 recombinant protein

Recombinant Phospholipase A2, Lipoprotein Associated (LpPLA2)

CATALOG # AAA134193	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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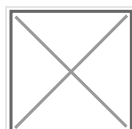
PRODUCT SYNONYMS

Phospholipase A2; Lipoprotein Associated (LpPLA2); Recombinant Phospholipase A2; LpPLA2 recombinant protein

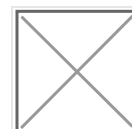
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSGSEFELR RQ-FHWQDTS SDFRPSVMF HKLQSVMSAA GSGHSKIPKG NGSYPVGCTD LMFGYGNESV FVRLYYPAQD QGRDVTWIP NKEYFLGLSI FLGTPSIVGN ILHLLYGLT TPASWNSPLR TGEKYPLIVF SHGLGAFRTI YSAIGILAS NGFIVATVEH RDRSASATYF FEDQVAAKVE NRSWLYLRKV KQEESESVRK EQVQQRRAIEC SRALSAILDI EHGDPKENVL GSAFDMQKLK DAIDETKIAL MGHSFGGATV LQALSEDQRF RCGVALDPWM YPVNEELYSR TLQPLLINS AKFQTPKDIA KMKKFYQPK ERKMITIKGS VHQNFDDTF VTGKIIGNKL TLKGEIDSRV AIDLTNKASM AFLQKHLGLQ KDFDQWDPLV EGDDENLIPG SPFDAVTQVP AQQHSPGSQT QN
Sequence Length	440
Applicable Applications for LpPLA2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Phe22~Asn440 (Accession # Q60963) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

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	49.1kDa
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	R75400
NCBI Protein Information	platelet-activating factor acetylhydrolase; LDL-PLA(2); PAF 2-acylhydrolase; PAF acetylhydrolase; LDL-associated phospholipase A2; 1-alkyl-2-acetyllycerophosphocholine esterase; 2-acetyl-1-alkyllycerophosphocholine esterase
UniProt Protein Name	Platelet-activating factor acetylhydrolase
UniProt Gene Name	Pla2g7
UniProt Synonym Gene Names	Pafah; PAF acetylhydrolase; LDL-PLA(2)
UniProt Entry Name	PAFA_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/pla2g7-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134193>