

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

Recombinant Phospholipase A2, Lipoprotein Associated (LpPLA2)

CATALOG # AAA134353	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 1mM DTT, 5% trehalose, 0.05% sarcosyl and preservative.
Sequence	Thesequenc eofthetarg etproteini slistedbel ow. FDW QYINPVAHMK SSAWVNKIQV LMAAASFGQT KIPRGNGPYS VGCTDLMFDH TNKGTFLRLY YPSQDNDRDL TLWIPNKEYF WGLSKFLGTH WLMGNILRLL FGSMTTPANW NSPLRPGEKY PLVVFSHGLG AFRTLYSAIG IDLASHGFIV AAVEHRDRSA SATYYFKDQS AAEIGDKSWL YLRTLKQEEE THIRNEQVRQ RAKECSQALS LILDIDHGKP VKNALDLKFD MEQLKDSIDR EKIAVIGHSF GGATVIQTLS EDQRFRCGIA LDAWMFPLGD EVYSRIPQPL FFINSEYFQY PANIIKMKKC YSPDKERKMI TIRGSVHQNF ADFTFATGKI IGHMLKLKGD IDSNVAIDLK NKASLAFLQK HLGLHKDFDQ WDCLIEGDDE NLIPGTNINT TNQHIMLQNS SGIEKYN
Sequence Length	441
Applicable Applications for LpPLA2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Phe22~Asn441 (Accession # Q13093) with N-terminal His-Tag
Subcellular Location	Secreted, extracellular space
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	7.1
Reconstitution	Reconstitute in sterile ddH2O.
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 less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	270133071
NCBI GeneID	7941
NCBI Accession #	NP_001161829.1
NCBI GenBank Nucleotide #	NM_001168357.1
UniProt Accession #	Q13093; Q15692; Q5VTT1; Q8IVA2; A5HTT5
Molecular Weight	50.0kDa
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	PAFAD; PAFAH; LP-PLA2; LDL-PLA2
NCBI Protein Information	platelet-activating factor acetylhydrolase; LDL-PLA(2); gVIIA-PLA2; PAF 2-acylhydrolase; PAF acetylhydrolase; group-VIIA phospholipase A2; LDL-associated phospholipase A2; lipoprotein-associated phospholipase A2; 1-alkyl-2-acetylglycerophosphocholine esterase; 2-acetyl-1-alkylglycerophosphocholine esterase
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.

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Online datasheet: <https://stage.aaabiotech.com/pla2g7-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134353>