

Phospholipase A2 Recombinant Protein | PLA2G12 recombinant protein

Recombinant Phospholipase A2, Group XII (PLA2G12)

CATALOG # AAA145897	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

PRODUCT SYNONYMS

Phospholipase A2; Recombinant Phospholipase A2; Group XII (PLA2G12); PLA2G12A; sPLA2-XII; GXII sPLA2; Group XIIA secretory phospholipase A2; Phosphatidylcholine 2-acylhydrolase 12A; PLA2G12 recombinant protein

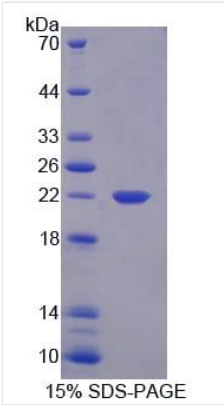
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	100 mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	200 ug/mL (varies by lot)
Applicable Applications for PLA2G12 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Gln26~Leu192
Tags	N-terminal His Tag
Subcellular Location	Secreted, Cytoplasm
Traits	Freeze-dried powder
Usage	Reconstitute in 100 mM NaHCO ₃ , 500 mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
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 target protein. 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 and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES

QEQDQ TTDWRATLKT IRNGIHKIDT
YLNAALDLLG GEDGLCQYKC SDGSKPVPRY GYKPSPPNGC GSPLFGVHLN
IGIPSLTKCC NQHRCYETC GSKSKDCDEE FQVCLSKICR DVQKTLGLSQ
MVQACETTVE LLFDSVIHLG CKPYLDSQRA ACWCRYEECT DL

Gene Sequence



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	291575120
NCBI GeneID	282457
NCBI Accession #	NP_777071.2
NCBI GenBank Nucleotide #	NM_174646.3
Molecular Weight	Predicted isoelectric point: 5.8 Predicted Molecular Mass: 22.4kDa Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	phospholipase A2 preproprotein
NCBI Official Symbol	PLA2G1B
NCBI Protein Information	phospholipase A2
UniProt Protein Name	Phospholipase A2
UniProt Gene Name	PLA2G1B
UniProt Entry Name	PA21B_BOVIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pla2g1b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145897>