

Phospholipase A2, Calcium Independent (iPLA2) Recombinant Protein | iPLA2 recombinant protein

Recombinant Phospholipase A2, Calcium Independent (iPLA2)

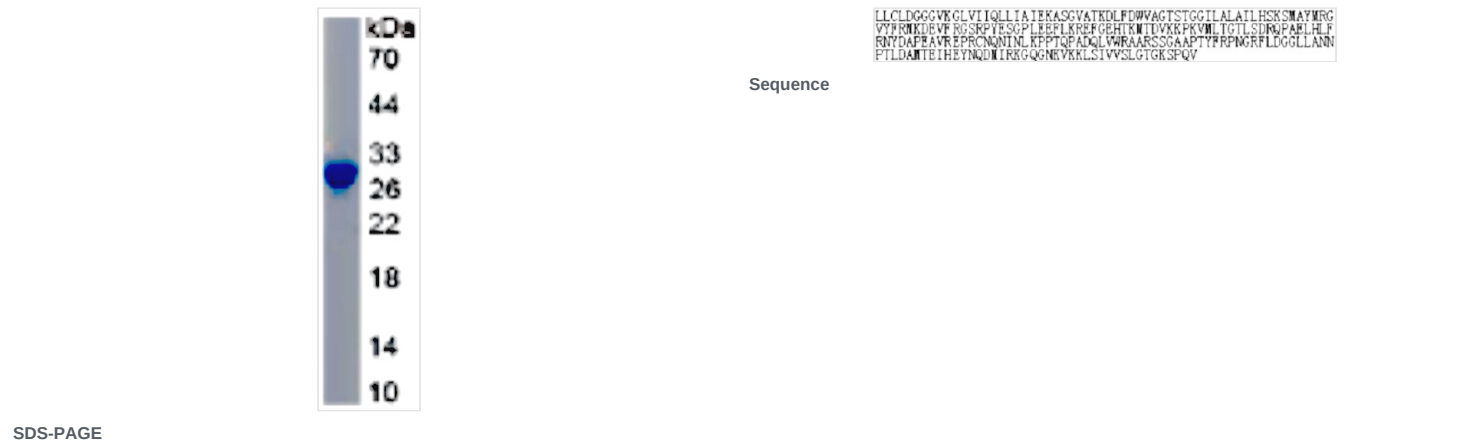
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135546	E.coli	Mus musculus (Mouse)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Phospholipase A2; Calcium Independent (iPLA2); Recombinant Phospholipase A2; iPLA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 600ug/mL (varies by lot)
Applicable Applications for iPLA2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu481~Val702
Tags	N-terminal His Tag
Subcellular Location	Membrane, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	9.5
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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 rate is less than 5% within the expiration date under appropriate storage condition.



NCBI AND UNIPROT INFORMATION

NCBI GI #	312222739
NCBI GeneID	53357
NCBI Accession #	NP_001185952.1
NCBI GenBank Nucleotide #	NM_001199023.1
UniProt Accession #	P97819; Q99LA9; Q9JK61
Molecular Weight	Predicted Molecular Mass: 31.9kDa Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	85/88 kDa calcium-independent phospholipase A2 isoform 2
NCBI Official Synonym Full Names	phospholipase A2, group VI
NCBI Official Symbol	Pla2g6
NCBI Official Synonym Symbols	iPLA2; PNPLA9; BB112799; iPLA2beta; iPLA(2)beta
NCBI Protein Information	85/88 kDa calcium-independent phospholipase A2; GVI PLA2; cal-PLA2; iPLA2-beta; group VI phospholipase A2; 85 kDa calcium-independent phospholipase A2; patatin-like phospholipase domain-containing protein 9; intracellular membrane-associated calcium-independent phospholipase A2 beta
UniProt Protein Name	85/88 kDa calcium-independent phospholipase A2
UniProt Gene Name	Pla2g6
UniProt Synonym Gene Names	Pnpla9; Cal-PLA2; GVI PLA2; iPLA2-beta; PNPLA9
UniProt Entry Name	PLPL9_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.