

Phospholipase A2, Group IIA (PLA2G2A) Recombinant Protein | PLA2G2A recombinant protein

Recombinant Phospholipase A2, Group IIA (PLA2G2A)

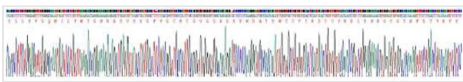
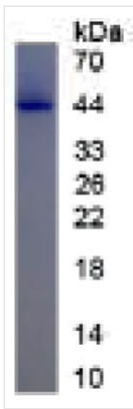
CATALOG # AAA135505	HOST E.coli	REACTIVITY Rattus norvegicus (Rat)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

Phospholipase A2; Group IIA (PLA2G2A); Recombinant Phospholipase A2; PLA2G2A recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 50ug/mL (varies by lot)
Sequence	SLLEFGQMIL FKTGKRADVS YGFYGCHCGV GGRGSPKDAT DWCCVTHDCC YNRLEKRGCG TKFLTYKFSY RGGQISCSTN QDSCRKQLCQ CDKAAAECA RNKKSYSYLY QFYPNKFCKG KTPSC
Applicable Applications for PLA2G2A recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser22~Cys146
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Secreted, Mitochondrion
Traits	Freeze-dried powder
Predicted isoelectric point	9.0
Usage	Reconstitute in ddH2O to a concentration of 0-0.5 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.



Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	291621686
NCBI GeneID	29692
NCBI GenBank Nucleotide #	NM_031598.3
Molecular Weight	Predicted MW: 9.0 Observed MW:44 kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	phospholipase A2, membrane associated
NCBI Official Synonym Full Names	phospholipase A2, group IIA (platelets, synovial fluid)
NCBI Official Symbol	Pla2g2a
NCBI Official Synonym Symbols	sPLA2
NCBI Protein Information	phospholipase A2, membrane associated; GIIC sPLA2; platelet phospholipase A2; group IIA phospholipase A2; eted enzyme type IIA phospholipase A2; phosphatidylcholine 2-acylhydrolase 2A
UniProt Protein Name	Phospholipase A2, membrane associated
UniProt Gene Name	Pla2g2a
UniProt Entry Name	PA2GA_RAT

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.