

Calcium-dependent phospholipase A2 (PLA2G5) Recombinant Protein | PLA2G5 recombinant protein

Recombinant Human Calcium-dependent phospholipase A2 (PLA2G5)

CATALOG # AAA113392	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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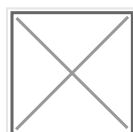
PRODUCT SYNONYMS

Calcium-dependent phospholipase A2 (PLA2G5); Recombinant Human Calcium-dependent phospholipase A2 (PLA2G5); PLA2G5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-138aa; Full Length of Mature Protein
Sequence	GLLDLKSME KVTGKNALTN YGFYGCYCGW GGRGTPKDG DWCCWAHDHC YGRLEEKGCN IRTQSYKYRF AWGVVTCEPG PFCHVNLAC DRKLVYCLKR NLRSYNPQYQ YFPNILCS
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PLA2G5 recombinant protein	This gene is a member of the secretory phospholipase A2 family. It is located in a tightly-linked cluster of secretory phospholipase A2 genes on chromosome 1. The encoded enzyme catalyzes the hydrolysis of membrane phospholipids to generate lysophospholipids and free fatty acids including arachidonic acid. It preferentially hydrolyzes linoleoyl-containing phosphatidylcholine substrates. Secretion of this enzyme is thought to induce inflammatory responses in neighboring cells. Alternatively spliced transcript variants have been found, but their full-length nature has not been determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505853
NCBI GeneID	5322
NCBI Accession #	NP_000920.1
NCBI GenBank Nucleotide #	NM_000929.2
UniProt Accession #	P39877 ; Q8N435

Molecular Weight	15.6 kDa
NCBI Official Full Name	calcium-dependent phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2 group V
NCBI Official Symbol	PLA2G5
NCBI Official Synonym Symbols	FRFB; GV-PLA2; PLA2-10; hVPLA(2)
NCBI Protein Information	calcium-dependent phospholipase A2
UniProt Protein Name	Calcium-dependent phospholipase A2
UniProt Gene Name	PLA2G5

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/pla2g5-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113392>