

## Eukaryotic Phospholipase A2, Pancreas (pPLA2) Protein | pPLA2 protein

Eukaryotic Phospholipase A2, Pancreas (pPLA2)

|                               |                          |                                               |
|-------------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153221</b> | HOST<br><b>293F Cell</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Eukaryotic Phospholipase A2; Pancreas (pPLA2); Phospholipase A2; Pancreas; pPLA2 recombinant protein (eukaryotic; 293F Cell); Pig; PLA2G1B; PLA2A; PPLA2; Group IB; Group IB phospholipase A2; Phosphatidylcholine 2-acylhydrolase 1B; pPLA2 protein

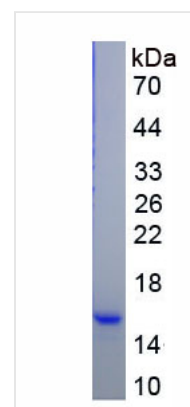
### PRODUCT SPECIFICATIONS

|                                           |                                                                                                              |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                      | 293F Cell                                                                                                    |
| Purity/Purification                       | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                               | PBS, pH7.4, containing 5% Trehalose.<br>Freeze-dried powder                                                  |
| Sequence Positions                        | Ala23~Cys146                                                                                                 |
| Applicable Applications for pPLA2 protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                         | Eukaryotic expression                                                                                        |
| Species                                   | Pig                                                                                                          |
| Tag                                       | N-terminal His                                                                                               |
| Endotoxin Level                           | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                         | 6.2                                                                                                          |
| Subcellular Location                      | Secreted                                                                                                     |
| Research Area                             | Enzyme & Kinase                                                                                              |
| Preparation and Storage                   | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES

ALNQFRSMKCATPGSHPLPDFNNYGYCYGLGGSGTPVDELDRCCETHONCYDAKHLDSCKFLVDPNPTESYSYSCSNTETITCNSKH  
NACEAFICNCDRIHAALCFKAPYNIKEKHILDTKKYC

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                             |                     |
|---------------------------------------------|---------------------|
| Product Categories/Family for pPLA2 protein | Eukaryotic proteins |
|---------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                               |                                   |
|-------------------------------|-----------------------------------|
| NCBI GI #                     | 51592123                          |
| NCBI GeneID                   | 445525                            |
| NCBI Accession #              | NP_001004037.1                    |
| NCBI GenBank Nucleotide #     | NM_001004037.1                    |
| UniProt Accession #           | P00592                            |
| Molecular Weight              | 16,279 Da                         |
| NCBI Official Full Name       | phospholipase A2, major isoenzyme |
| NCBI Official Symbol          | PLA2G1B                           |
| NCBI Official Synonym Symbols | PLA2; sPLA(2)-IB                  |
| NCBI Protein Information      | phospholipase A2, major isoenzyme |
| UniProt Protein Name          | Phospholipase A2, major isoenzyme |
| UniProt Gene Name             | PLA2G1B                           |

**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/293f-cell-protein/eukaryotic-phospholipase-a2-pancreas-ppla2/153221>