

# Human PLA2G2A Recombinant Protein



RPPB2121

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## Product Information    Protein Information

**Product SKU:**

RPPB2121

**Accession:**

P14555

**Host:**

Escherichia Coli.

**Protein description:**

Secreted Phospholipase A2-IIA Human Recombinant is manufactured with N-terminal fusion of HisTag. PLA2G2A His-Tagged Fusion Protein is 15.8 kDa containing 124 amino acid residues of the human secreted phospholipase A2-IIA and 16 additional amino acid residues – HisTag.

**Appearance:**

Filtered lyophilized (freeze-dried) powder.

**Synonyms:**

MOM1, PLA2, PLA2B, PLA2L, PLA2S, PLAS1, sPLA2, Phospholipase A2 membrane associated, EC 3.1.1.4, Phosphatidylcholine 2-acylhydrolase, Group IIA phospholipase A2, GIIC sPLA2, Non-pancreatic secretory phospholipase A2, NPS-PLA2, sPLA2-IIA, PLA2G2A.

**Formulation:**

Lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH-4.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, an intensive dilution by relevant buffer to a concentration of 10µg/ml is recommended. In higher concentrations the solubility of the PLA2G2A antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MRGSHHHHHH GMASHMNLVN FHRMIKLTGG KEAALSYGFY GCHCGVGGRG SPKDATDRCC VTHDCCYKRL  
EKRGCGTKFL SYKFSNSGSR ITCAKQDSCR SQLCECDKAA ATCFARNKTT YNKKYQYYSN KHCRGSTPRC.