

PRODUCT DATA SHEET

sPLA2-IIA Human E. coli

Cat. No.: RD172054100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

Phospholipase A2 membrane associated, GIIC sPLA2, Group IIA phospholipase A2, Non-pancreatic secretory phospholipase A2, NPS-PLA2, Phosphatidylcholine 2-acylhydrolase 2A, PLA2G2A, PLA2B, PLA2L, RASF-A

Description:

Total 140 AA. MW: 15.8 kDa (calculated). UniProtKB acc.no. P14555. N-Terminal His-tag, 16 extra AA.

Amino Acid Sequence:

MRGSHHHHHH GMASHMNLVN FHRMIKLTG KEAALSYGFY GCHCGVGGRG SPKDATDRCC
VTHDCCYKRL EKRGCCTKFL SYKFSNSGSR ITCAKQDSCR SQLCECDKAA ATCFARNKTT
YNKKYQYYSN KHCRGSTPRC

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0,4 μm) and lyophilized in 0.5 mg/mL in 0.05M Acetate buffer pH4

Reconstitution:

Add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10μg/mL. In higher concentrations the solubility of this antigen is limited.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

Western blotting

Note:

This product is intended for research use only.