sPLA2-X Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: Group 10 secretory phospholipase A2, Group X secretory phospholipase A2, GX sPLA2, Phosphatidylcholine 2-acylhydrolase 10, PLA2G10

Cat. No.:
RD172065100 (0.1 mg)

Description

Total 139 AA. MW: 15.5 kDa (calculated). UniProtKB acc.no. O15496. N-Terminal His-tag, 16 extra AA (highlighted).

Amino Acid Sequence

MRGSHHHHHH GMASHMGILE LAGTVGCVGP RTPIAYMKYG CFCGLGGHGQ PRDAIDWCCH GHDCCYTRAE EAGCSPKTER YSWQCVNQSV LCGPAENKCQ ELLCKCDQEI ANCLAQTEYN LKYLFYPQFL CEPDSPKCD

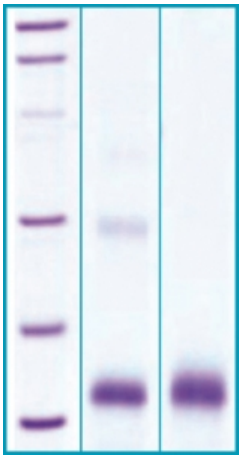
Source

E. coli

Purity

>95%

SDS-PAGE gel



12% SDS-PAGE separation of Human sPLA2-X
1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa
2. reduced and heated sample, 5µg/lane
3. non-reduced and non-heated sample, 5µg/lane

Endotoxin

< 1.0 EU/ug

Formulation

Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 0.01 M Tris buffer pH 7.2.

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

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

Storage, Stability/Shelf Life

Store 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 limited period of time; it does not show any change after two weeks at 4°C.

Quality Control Test

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

Western blotting

Note

This product is intended for research use only.

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