

Product datasheet

Recombinant Human PLA2G12B protein ab135016

1 Image

Overview

<b>Product name</b>	Recombinant Human PLA2G12B protein
<b>Protein length</b>	Full length protein

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Mammalian
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">Q9BX93</a>
<b>Species</b>	Human
<b>Sequence</b>	<p>QSDTSPDTEESYSDWGLRHLRGSFESVNSYFDSFLEL            LGGKNGVCQYRCR            YGKAPMPRPGYKQPENGCOSYFLGLKVPESMDLGP            AMTKCCNQLDVCY            DTCGANKYRCDAKFRWCLHSICSDLKRSLGFVSKVEA            ACDSLVDTVFNTV            WTLGCRPFMNSQRAACICAEKEEKEEL</p>
<b>Molecular weight</b>	21 kDa including tags
<b>Amino acids</b>	20 to 195
<b>Tags</b>	His tag C-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab135016** in the following tested applications.  
 The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	<p>Functional Studies</p> <p>SDS-PAGE</p>
<b>Purity</b>	>= 60 % SDS-PAGE.
<b>Form</b>	Liquid

Preparation and Storage

## Preparation and Storage

### Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Preservative: 1.36% Imidazole

Constituents: 0.02% Potassium chloride, 0.63% Tris HCl, 20% Glycerol, 0.64% Sodium chloride

## General Info

### Relevance

Phospholipase A2 (EC 3.1.1.4) catalyzes the release of fatty acids from glycerol-3-phosphocholines. The best known varieties are the digestive enzymes secreted as zymogens by the pancreas of mammals. Sequences of pancreatic PLA2 enzymes from a variety of mammals have been reported. One striking feature of these enzymes is their close homology to venom phospholipases of snakes. Other forms of PLA2 have been isolated from brain, liver, lung, spleen, intestine, macrophages, leukocytes, erythrocytes, inflammatory exudates, chondrocytes, and platelets (Seilhamer et al., 1986 [PubMed 3028739]).

### Cellular localization

Secreted

## Images



10% SDS-PAGE analysis of ab135016 (2.8 µg) stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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