



[Go to Product page](#)

Datasheet for ABIN1650319

PLA2G10 Protein (AA 29-151) (His tag)

Overview

Quantity:	1 mg
Target:	PLA2G10
Protein Characteristics:	AA 29-151
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G10 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GL LELAGTLDCV GPRSPMAYMN YGCYCGLGGH GEPRAIDWC CYYHDCCYSQ AQDAGCSPKL YRYPWKCMDH RILCGPAENK CQELLCRCDE TLAYCLADTE YHLKYLFFPS VLCEKDSPKC N
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PLA2G10
Alternative Name:	Group 10 secretory phospholipase A2 (Pla2g10) (PLA2G10 Products)

Target Details

Background: Recommended name: Group 10 secretory phospholipase A2.
EC= 3.1.1.4.
Alternative name(s): Group X secretory phospholipase A2.
Short name= GX sPLA2.
Short name= sPLA2-X Phosphatidylcholine 2-acylhydrolase 10

UniProt: [Q9QZT3](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.
