

Datasheet for ABIN2729086

PLA2G7 Protein (Transcript Variant 2) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	10 µg
Target:	PLA2G7 (Lp-PLA2)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G7 protein is labelled with His tag.
Application:	Standard (STD), Antibody Production (AbP)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human PLA2G7 (transcript variant 2) protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test

Target Details

Target:	PLA2G7 (Lp-PLA2)
Alternative Name:	Pla2g7 (Lp-PLA2 Products)
Background:	Modulates the action of platelet-activating factor (PAF) by hydrolyzing the sn-2 ester bond to yield the biologically inactive lyso-PAF. Has a specificity for substrates with a short residue at

Target Details

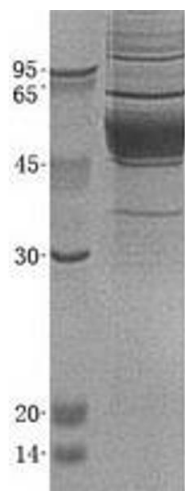
	the sn-2 position. It is inactive against long-chain phospholipids. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	48.8 kDa
NCBI Accession:	NP_001161829
Pathways:	Peptide Hormone Metabolism

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	20 mM HAc-NaCl, 150 mM NaCl, 10 % Glycerol, pH 4.5. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot