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# PLA2G7 Protein (DYKDDDDK Tag)



Image



#### Overview

Background:

Overview	
Quantity:	50 μg
Target:	PLA2G7 (Lp-PLA2)
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G7 protein is labelled with DYKDDDDK Tag.
Application:	Standard (STD), Antibody Production (AbP)
Product Details	
Characteristics:	<ul> <li>Recombinant human Purified recombinant protein of Human phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) (PLA2G7), transcript variant 1, esidues 22-441aa, with C-terminal DDK tag, secretory expressed in CHO cells, 50 µg (C-term DDK tag, transcript variant 1) protein expressed in CHO cells.</li> <li>Produced with end-sequenced ORF clone</li> </ul>
Purification:	Purified
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	PLA2G7 (Lp-PLA2)
Alternative Name:	phospholipase A2, group VII (Lp-PLA2 Products)

Modulates the action of platelet-activating factor (PAF) by hydrolyzing the sn-2 ester bond to

### Target Details

	yield the biologically inactive lyso-PAF. Has a specificity for substrates with a short residue at the sn-2 position. It is inactive against long-chain phospholipids. [UniProtKB/Swiss-Prot Function]
Molecular Weight:	48.5 kDa
NCBI Accession:	NP_005075
Pathways:	Peptide Hormone Metabolism

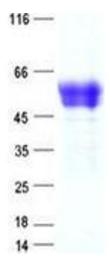
## **Application Details**

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 C-terminal.
Restrictions:	For Research Use only

### Handling

Concentration:	50 μg/mL
Buffer:	1 x PBS, pH 7.4, 10 % glycerol.
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.

#### **Images**



#### **Western Blotting**

Image 1. Validation with Western Blot