

Datasheet for ABIN7275457

**PLA2G7 Protein (AA 22-441) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	PLA2G7 (Lp-PLA2)
Protein Characteristics:	AA 22-441
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G7 protein is labelled with His tag.

## Product Details

Purpose:	Human PLA2G7 Protein
Sequence:	Phe22-Asn441
Characteristics:	Recombinant Human PLA2G7 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe22-Asn441.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	PLA2G7 (Lp-PLA2)
Alternative Name:	PLA2G7 ( <a href="#">Lp-PLA2 Products</a> )

Target Details

Background:	Endogenous PLA2G7 transcription levels were found to be significantly lower in vascular related cell lines than in the other cell lines. Luciferase reporter gene assays indicated that gene activity was significantly enhanced by PLA2G7 promoter fragment. LA2G7 transcription was found to be up-regulated with the treatment of DAC. The 17-β-estradiol was found to down-regulate PLA2G7 transcription in all the cell lines.
Molecular Weight:	48.9 kDa. Due to glycosylation, the protein migrates to 49-60 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q13093</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a>

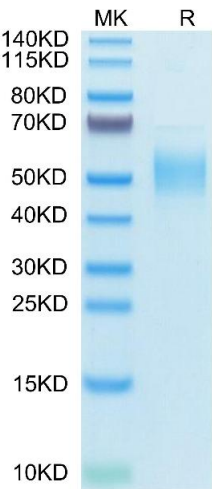
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 50 mM NaAc, 150 mM NaCl, 10 % Glycerol ( pH 5.0).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

**Image 1.** Human PLA2G7 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .