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Datasheet for ABIN7505785

**PLA2G7 Protein (AA 1-440) (His tag)**

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg  |
| Target:                       | PLA2G7 (Lp-PLA2)                              |
| Protein Characteristics:      | AA 1-440                                      |
| Origin:                       | Rat   |
| Source:                       | HEK-293 Cells                                 |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This PLA2G7 protein is labelled with His tag. |

## Product Details

|                  |   |
|------------------|---|
| Sequence:        | Met1-Asn440   |
| Characteristics: | A DNA sequence encoding the Rat LpPLA2 protein (Q5M7T7) (Met1-Asn440) was expressed with a C-His. |
| Purity:          | >95 % as determined by reducing SDS-PAGE.   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | PLA2G7 (Lp-PLA2)   |
| Alternative Name: | Lp-PLA2 ( <a href="#">Lp-PLA2 Products</a> )   |
| Background:       | <p>Background: Secretory phospholipase A2 is an enzyme that hydrolyses the Sn-2 ester bond of phospholipids, generating free fatty acids and lysophospholipids. Most secretory PLA2s are stored in cytoplasmic granules and are released in the extracellular environment on ap</p> <p>Synonym: Platelet-activating factor acetylhydrolase, Pla2g7, EC:3.1.1.47, rCG_43740</p> |

### Target Details

|                   |  |
|-------------------|--|
| Molecular Weight: | 48.29 kDa                                  |
| UniProt:          | <a href="#">Q5M7T7</a>                     |
| Pathways:         | <a href="#">Peptide Hormone Metabolism</a> |

### Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

### Handling

|                  |  |
|------------------|--|
| Format:          | Lyophilized  |
| Buffer:          | Lyophilized from sterile PBS, pH 7.4.  |
| Storage:         | 4 °C,-20 °C,-80 °C   |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.<br>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date:     | 12 months  |