

## Recombinant Rat Pla2g15 protein, His&Myc-tagged

**Cat. No.** Pla2g15-434R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Pla2g15 protein(Q675A5)(34-413aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                  |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 34-413aa                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 51.0 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

AQRHPPVVLVPGDLGNQLEAKLDKPKVVHYLCSKRTDSYFTLWLNLELLLPVIIDCWI  
 DNIRLVYNRTSRTTQFPDGVDRVPGFGETFSLEFLDPSKRNVGSYFYTMVESLVG  
 WGYTRGEDVRGAPYDWRRAPNENGPYFLALQEMIEEMYQMYGGPVVLAHSMGN  
 MYMLYFLQRQPQAWKDQYIAFVSLGAPWGGVAKTLRVLASGDNRRIPVIGPLKIRE  
 QQRSAVSTSWLLPYNHTWSHEKV FVYTPTANYTLRDYHRRFFQDIGFEDGWFMQRD  
 TQGLVEALVPPGVELHCLYGTGVPTPNSFYFENFPDRDPKICFGDGDGTVNLESVL  
 QCQAWQSRQECHKVSLQELPGSEHIEMLANATTLAYLKRVLLEEP

**GENE INFORMATION**
**Gene Name**

Pla2g15 phospholipase A2, group XV [ *Rattus norvegicus* ]

**Official Symbol**

Pla2g15

**Synonyms**

PLA2G15; phospholipase A2, group XV; group XV phospholipase A2;  
 lysophospholipase 3; 1-O-acylceramide synthase; lysosomal phospholipase A2;  
 LCAT-like lysophospholipase; ACS; LLPL; LPLA2; Lypla3; MGC114208; 1-O-  
 acylceramidesynthase;

**Gene ID**

361401

**mRNA Refseq**

NM\_001004277

**Protein Refseq**

NP\_001004277

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**SDS-PAGE**

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