

# Recombinant Mouse Pla2g7 protein, His-tagged, Low Endotoxin

**Cat. No.** PLA2G7-866M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Pla2g7 protein(Q60963)(22-440 aa), fused with C-terminal His tag, was expressed in HEK293.                                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 22-440 aa                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.                                                                                          |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 47.9 kDa. Due to glycosylation, the protein migrates to 52-65 kDa based on Bis-Tris PAGE result.                                                                                      |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                             |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC                                                                                                                                                       |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |
| <b>Reconstitution</b>   | Dissolve the lyophilized protein in distilled water.                                                                                                                                                                    |

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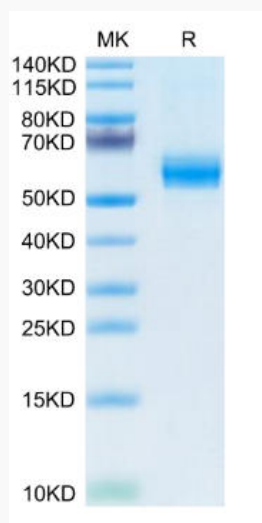
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## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Pla2g7 phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) [ <i>Mus musculus</i> ]                                                                                                                                                                                                                      |
| <b>Official Symbol</b> | Pla2g7                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | PLA2G7; phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma); platelet-activating factor acetylhydrolase; LDL-PLA(2); PAF 2-acylhydrolase; PAF acetylhydrolase; LDL-associated phospholipase A2; 1-alkyl-2-acetylglycerophosphocholine esterase; 2-acetyl-1-alkylglycerophosphocholine esterase; R75400; |
| <b>Gene ID</b>         | 27226                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_013737                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_038765                                                                                                                                                                                                                                                                                                                            |

### Bis-Tris PAGE



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