



# Recombinant Rat Phospholipase B-like 1 (Plbd1)

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| <b>Product Code</b>      | CSB-BP722603RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Abbreviation</b>      | Plbd1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                        |
| <b>Uniprot No.</b>       | Q5U2V4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>    | Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product Type</b>      | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Sequence</b>          | GVHYATAYWLPDTKAVEIKMVLDDKKGDAYGFYNDISIQTGTGWGVLEIKAGYGS<br>QILSNEIIMFLAGYLEGYLTALHMYDHFTNLYPQLIKNPSIVKKVQDFMEKQELW<br>TRKNIKDQKDDPFWRHTGYVVSQLDGMYLGAQKRASEEEMKPMTMFQIQFL<br>NAVGDLLDLIPSLSPTKSSSLKKFKIWEMGHCSALIKVLPGFENIYFAHSSWYTY<br>AAMLRIYKHWDNFNIKDKYTASNRLSFSSYPGFLESLLDDFYILSSGLILLQTTNSV<br>YNKTLKLVPESLLAWQVRVRVANMMAQGGKEWSQLFSMYNSGTYNQYMYV<br>LDLKKVTLKKSIDRGALYVVEQIPTTYVEYSDQTNILRKGWASYNIPFHKTIVYN<br>WSGYPLLVHKLGLDYSYDLAPRAKIFRRDQGTVDMA SMK HIMRYNNYKVDP<br>YSKGDPCSTICCREDLNEASPSPGGCYDTKVADIFLASQYKAYAISGPTVQNG<br>LPPFNWNRFNDTLHQGMPDVFDFDFVTMKPILT |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Names</b>      | Plbd1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Names</b>     | Recommended name: Phospholipase B-like 1 EC= 3.1.1.-Alternative name(s):<br>LAMA-like protein 1 Lamina ancestor homolog 1 Phospholipase B domain-<br>containing protein 1                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Expression Region</b> | 40-550                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <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. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                                               |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.                                                                                                                                                                                                                                                                                                                                                                                                                                |



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.