

## Recombinant Rat Plbd2 Protein, His-SUMO-tagged

**Cat. No.** Plbd2-1328R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Plbd2 Protein (36-585aa) was expressed in E. coli with N-terminal His-SUMO tag.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 36-585 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 77.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>GALPTLGPGWRRQNPEPPASRTRSLLLDAASGQLRLEYGFHPDAVAWANLTNAIRE<br/> TGWAYLDLGTNGSYNDSLQAYAAGVVEASVSEELIYMHWMNTVVNYCGPFEYEVG<br/> YCEKLKSFLEANLEWMQREMELSPDSPYWHQVRLTLLQLKGLEDSEYEGRLTFPTGR<br/> FNIKPLGFLLLQISGDLEDLEPALNKTNTKPSVSGSGSCSALIKLLPGSHDLLVAHNTW<br/> NSYQNMLRIIKKYRLQFREGPQEEYPLIAGNNLIFSSYPGTIFSGDDFYILGSGLVLTLE<br/> TTIGNKNPALWKYVQPQGCVLEWIRNIVANRLALDGATWADVFRFRFNSGTYNNQW<br/> MIVDYKAFIPNGPSPGSRVLTILEQIPGMVVVADKTAELYKTTYWASYNIPYFESVFN<br/> ASGLQALVAQYGDWFSYTRNPRAKIFQRDQSLVEDVDTMVRLMRYNDFLHDPLSLC<br/> EACSPKPNAENAIARSDLNPANGSYPPFQALRQRAHGGIDVKVTSVALAKYMSMLA<br/> ASGPTWDQLPPFQWSKSPFHNMLHMGQPDLMWFSPVKVPWD</p> |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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**Storage**

The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**GENE INFORMATION**

**Gene Name** [Plbd2 phospholipase B domain containing 2 \[ Rattus norvegicus \]](#)

**Official Symbol** [Plbd2](#)

**Synonyms** P76; Plbd2; LAMA-like protein 2; RDCR-0918-3 protein; lamina ancestor homolog 2; mannose-6-phosphate protein p76; phospholipase B domain-containing protein 2

**Gene ID** [246120](#)

**mRNA Refseq** [NM\\_139255.3](#)

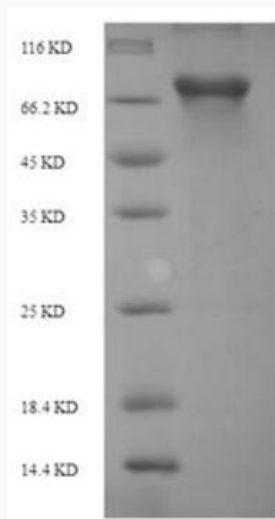
**Protein Refseq** [NP\\_640348.2](#)

**UniProt ID** [Q4QQW8](#)

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