

## Recombinant *B. subtilis* pbpC Protein, His-tagged

**Cat. No.** pbpC-1321B    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>B. subtilis</i> pbpC Protein (21-240aa) was expressed in <i>E. coli</i> with N-terminal His tag.                                                                                                                                     |
| <b>Species</b>          | <i>B. subtilis</i>                                                                                                                                                                                                                                  |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                      |
| <b>Protein Length</b>   | 21-240 a.a.                                                                                                                                                                                                                                         |
| <b>Form</b>             | Tris-based buffer, 50% glycerol.                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 29.2 kDa                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | CSKTDSPEDRMEAFVKQWNDQQFDDMYQSLTKDVKKEISKKDFVNRYKAIYEQAG<br>VKNLKVTAGEVDKDD<br>QDNKTMKHIPYKVSMTNAGKVSFKNTAVLKLEKTDDEESWNIDWDPSFIFKQLAD<br>DKTVQIMSIEPKRG<br>QIYDKNGKGLAVNTDVPEIGIVPGELGDKKEKVIKELAKKLDLTEDDIKKKLDQGWVK<br>DDSFVPLKKVKP<br>DQEKLVSEAT |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                         |
| <b>Storage</b>          | 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.                                                                                       |

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## GENE INFORMATION

**Gene Name** [pbpC penicillin-binding protein 3 \[ Bacillus subtilis subsp. subtilis str. 168 \]](#)

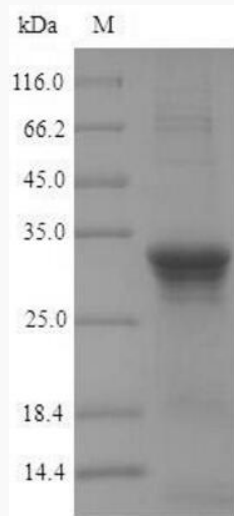
**Official Symbol** [pbpC](#)

**Synonyms** penicillin-binding protein 3

**Gene ID** [940139](#)

**Protein Refseq** [NP\\_388295.1](#)

**UniProt ID** [P42971](#)



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