

## Beta-lactam-inducible penicillin-binding protein (pbp) Recombinant Protein | pbp recombinant protein

Recombinant Staphylococcus aureus Beta-lactam-inducible penicillin-binding protein (pbp), partial

CATALOG #  
AAA114852

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Beta-lactam-inducible penicillin-binding protein (pbp); Recombinant Staphylococcus aureus Beta-lactam-inducible penicillin-binding protein (pbp); partial; pbp recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                        |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                               |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                        |
| Sequence Positions      | 344-670aa; Partial                                                                                                                                                                                                                                                                                                                                                      |
| Sequence                | NDYGSGTAIH PQTGELLALV STPSYDVYPF MYGMSNEEYN KLTEDKKEPL LNKFQITTSP GSTQKILTAM IGLNNKTLDD KTSYKIDGKG WQKDKSWGYY NVTRYEVVNG NIDLKQAIES SDNIFFARVA LELGSKKFEK GMKKLGVGED IPSDYPFYNA QISNKNLDNE ILLADSGYGQ GEILINPVQI LSIYSALENN GNINAPHLK DTKNKVWKK N IISKENINLL NDGMQQVVNK THKEDIYRSY ANLIGKSGTA ELKMKQGETG RQIGWFISYD KDNPMMMAI NVKDVQDKGM ASYNAKISGK VYDELYENG N KKYDIDE |
| Species                 | Staphylococcus aureus                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                     |

### NCBI AND UNIPROT INFORMATION

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| NCBI GI #               | 129676                                           |
| UniProt Accession #     | P07944                                           |
| Molecular Weight        | 76,463 Da                                        |
| NCBI Official Full Name | Beta-lactam-inducible penicillin-binding protein |
| UniProt Protein Name    | Beta-lactam-inducible penicillin-binding protein |
| UniProt Gene Name       | pbp                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pbp-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114852>