

## Penicillin G acylase (pac) Recombinant Protein | pac recombinant protein

Recombinant Escherichia coli Penicillin G acylase (pac), partial

CATALOG #  
AAA115388

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Penicillin G acylase (pac); Recombinant Escherichia coli Penicillin G acylase (pac); partial; pac 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      | 27-235. Partial, provide the Penicillin G acylase subunit alpha chain                                                                                                                                                                        |
| Sequence                | EQSSSEIKIV RDEYGMPIHY ANDTWHLFYG YGYVVAQDRL FQMEMARRST QGTVAEVLGK DFVKFDKDIR<br>RNYWPDAIRA QIAALSPEDM SILQGYADGM NAWIDKVNTN PETLLPKQFN TFGFTPKRWE PFDVAMIFVG<br>TMANRFS DST SEIDNLALLT ALKDKYGV SQ GMAVFNQLKW LVNPSAPTTI AVQESNYPLK FNQNSQTA |
| Species                 | Escherichia coli                                                                                                                                                                                                                             |
| 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 #                 | 446720087                                      |
| NCBI Accession #          | WP_000797400.1                                 |
| NCBI GenBank Nucleotide # | WP_000797400.1                                 |
| UniProt Accession #       | P06875; Q47434; Q47435; Q47436; Q47437; Q60253 |
| Molecular Weight          | 94,643 Da                                      |
| NCBI Official Full Name   | MULTISPECIES: penicillin G acylase             |
| UniProt Protein Name      | Penicillin G acylase                           |
| UniProt Gene Name         | pac                                            |

**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/pac-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115388>