

## Acyl carrier protein (acpP) Recombinant Protein | acpP recombinant protein

Recombinant Staphylococcus aureus Acyl carrier protein (acpP)

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| CATALOG #<br><b>AAA115748</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

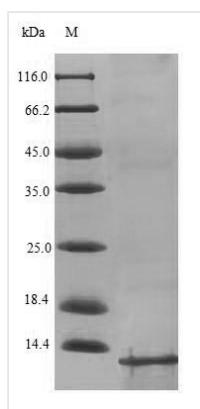
### PRODUCT SYNONYMS

Acyl carrier protein (acpP); Recombinant Staphylococcus aureus Acyl carrier protein (acpP); acpP recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| 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      | 1-77aa; Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                | MENFDKVKDI IVDRLGVDAD KVTEDASFKD DLGADSLDIA ELVMELEDEF GTEIPDEEAE KINTVGDAVK FINSLEK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sequence Length         | 77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Production Note         | <b>Special Offer:</b> The E Coli, Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli, Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli, Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli, Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our <b>or email to</b> for more details. |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                                 |                                                                                                                                                   |
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| <b>Related Product Information for acpP recombinant protein</b> | Carrier of the growing fatty acid chain in fatty acid biosynthesis. Is able to confer high methicillin resistance to S. aureus when overproduced. |
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| References | Whole genome sequencing of meticillin-resistant Staphylococcus aureus.Kuroda M., Ohta T., Uchiyama I., Baba T., Yuzawa H., Kobayashi I., Cui L., Oguchi A., Aoki K., Nagai Y., Lian J.-Q., Ito T., Kanamori M., Matsumaru H., Maruyama A., Murakami H., Hosoyama A., Mizutani-Ui Y., Takahashi N.K., Sawano T., Inoue R., Kaito C., Sekimizu K., Hirakawa H., Kuhara S., Goto S., Yabuzaki J., Kanehisa M., Yamashita A., Oshima K., Furuya K., Yoshino C., Shiba T., Hattori M., Ogasawara N., Hayashi H., Hiramatsu K.Lancet 357:1225-1240(2001) |
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### NCBI AND UNIPROT INFORMATION

|                            |                                    |
|----------------------------|------------------------------------|
| NCBI GI #                  | 446349059                          |
| NCBI Accession #           | WP_000426914.1                     |
| NCBI GenBank Nucleotide #  | WP_000426914.1                     |
| UniProt Accession #        | P0A001; Q99QN7                     |
| Molecular Weight           | 10.5 kDa                           |
| NCBI Official Full Name    | MULTISPECIES: acyl carrier protein |
| UniProt Protein Name       | Acyl carrier protein               |
| UniProt Gene Name          | acpP                               |
| UniProt Synonym Gene Names | ACP                                |
| UniProt Entry Name         | ACP_STAAM                          |

**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.