

# Lipopolysaccharide export system protein LptC Recombinant Protein | lptC recombinant protein

Recombinant Lipopolysaccharide export system protein LptC

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA115219</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

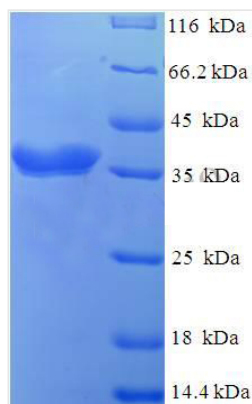
## PRODUCT SYNONYMS

Lipopolysaccharide export system protein LptC; Recombinant Lipopolysaccharide export system protein LptC; lptC 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      | 1-191aa; Full Length                                                                                                                                                                            |
| Sequence                | MSKARRWVILVLSLAVLVMIGINMAEKDDTAQVVVNNNDPTYKSEHTDTLVYNPEGALSYRLIAQHVEYYSDQAVSWFTQPVLTTFDKDKIPTWSVKADKAKLTNDRMLYLYGHVEVNALVPDSQLRRITTDNAQINLVTQDVTSEDLVTLYGTTFNSSGLKMRGNLRSKNAELIEKVRTSYEIQNKQTQP |
| Sequence Length         | 191                                                                                                                                                                                             |
| 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

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for lptC recombinant protein | Involved in the assembly of lipopolysaccharide (LPS). Required for the translocation of LPS from the inner membrane to the outer membrane. Facilitates the transfer of LPS from the inner membrane to the periplasmic protein LptA. Could be a docking site for LptA.                                                                                                                                     |
| References                                               | Extensive mosaic structure revealed by the complete genome sequence of uropathogenic Escherichia coli. Welch R.A., Burland V., Plunkett G. III, Redford P., Roesch P., Rasko D., Buckles E.L., Liou S.-R., Boutin A., Hackett J., Stroud D., Mayhew G.F., Rose D.J., Zhou S., Schwartz D.C., Perna N.T., Mobley H.L.T., Donnenberg M.S., Blattner F.R. Proc. Natl. Acad. Sci. U.S.A. 99:17020-17024(2002) |

NCBI AND UNIPROT INFORMATION

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| NCBI GI #                 | 445952682                                                         |
| NCBI Accession #          | WP_000030537.1                                                    |
| NCBI GenBank Nucleotide # | WP_000030537.1                                                    |
| UniProt Accession #       | P0ADW0; P45397                                                    |
| Molecular Weight          | 23.7 kDa                                                          |
| NCBI Official Full Name   | MULTISPECIES: LPS export ABC transporter periplasmic protein LptC |
| UniProt Protein Name      | Lipopolysaccharide export system protein LptC                     |
| UniProt Gene Name         | <b>lptC</b>                                                       |
| UniProt Entry Name        | LPTC_ECOL6                                                        |

**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://www.aaabiotech.com/lptc-recombinant-protein-e-coli/115219>