



# Recombinant Bifunctional polymyxin resistance protein ArnA (arnA)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP372291EJE-B   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | A1ADA7  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O1:K1 / APEC   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MKTVVVFAYHD MGCLGIEALL AAGYEISAIF THTDNPGEKA FYGSVARLAA<br>ERGIPVYAPD NVNHPLWVER IAQLSPEVIF SFYYRHLICD EILQLAPRGA<br>FNLHGSELLPK YRGRAPLNWV LVNGETETGV TLHRMVKRAD AGAIVAQLRV<br>AIAPDDIAIT LHHKLCHAAR QLLEQTLPAI KHGNILEIAQ RENEATCFGR<br>RTPDDSFLEW HKSASVLHNM VRAVADPWPG AFSYVGNQKF<br>TVWSSRVHPH ASKAQPGSVI SVAPLLIACG DGALEIVTGQ AGDGITMQGS<br>QLAQTGLLVQ GSRLNSQPAC AARRRTRVLI LGVNGFIGNH LTERLLREDH<br>YEVYGLDIGS DAISRFLNHP HFHFVEGDIGS IHSEWIEYHV KKCDVVLPLV<br>AIATPIEYTR NPLRVFELDF EENLRIIRYC VKYRKRIIFP STSEVYGMCS<br>DKYFDEDHSN LIVGPVKNKPR WIYSVSKQLL DRVIWAYGEK EGLQFTLFRP<br>FNWMGPRLDN LNAARIGSSR AITQLILNLV EGSPIKLIDG GKQKRCFTDI<br>RDGIEALYRI IENAGNRCDG EIINIGNPEN EASIEELGEM LLASFEKHPL<br>RHYPFPFAGF RVVESSSYG KGYQDVEHRK PSIRNARRCL NWEPKIDMQE<br>TIDETLDFFL RTVDLTDKPS |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | arnA  |
| <b>Protein Names</b>     | Recommended name: Bifunctional polymyxin resistance protein ArnA Including the following 2 domains: UDP-4-amino-4-deoxy-L-arabinose formyltransferase EC= 2.1.2.13 Alternative name(s): ArnAFT UDP-L-Ara4N formyltransferase UDP  |
| <b>Expression Region</b> | 1-660   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final  |



concentration of glycerol is 50%. Customers could use it as reference.

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