




Recombinant Escherichia coli Aerobic respiration control protein ArcA (arcA)

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|--------------------------|---|
| Product Code | CSB-EP359331ENV |
| Abbreviation | Recombinant E.coli arcA protein |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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. |
| Uniprot No. | P0A9Q1 |
| Form | Liquid or Lyophilized powder |
| Storage Buffer | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Product Type | Recombinant Escherichia coli Aerobic respiration control protein ArcA (arcA) |
| Immunogen Species | Escherichia coli (strain K12) |
| Sensitivity | Not Test |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Sequence | MQTPHILIVEDELVTRNTLKSIFEAEGYDVFEATDGAEMHQILSEYDINLVIMDIN LPGKNGLLLARELREQANVALMFLTGRDNEVDKILGLEIGADDYITKPFNPREL TIRARNLLSRTMNLGTVSEERRSVESYKFNGWELDINSRSLIGPDGEQYKLPR SEFRAMLHFCENPGKIQSRAELLKMTGRELKPHDRTVDVTIRRIKHFESTPD TPEIATIHGEGYRFCGDLED |
| Research Area | Others |
| Source | E.coli |
| Target Names | arcA |
| Expression Region | 1-238aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | N-terminal 6xHis-tagged |
| Mol. Weight | 31.4 kDa |
| Protein Length | Full Length |
| Image |  <p>(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.</p> |
| Reconstitution | 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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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