

## Recombinant Coxiella burnetii (strain RSA 493 / Nine Mile phase I) CBU protein, His-tagged

**Cat. No.** CBU-573C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Coxiella burnetii (strain RSA 493 / Nine Mile phase I) CBU protein(Q83AM0)(1-603aa), fused with N-terminal His tag, was expressed in vitro E.coli expression system.                                                   |
| <b>Species</b>          | Coxiella Burnetii                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 1-603aa                                                                                                                                                                                                                            |
| <b>Tag</b>              | N-His                                                                                                                                                                                                                              |
| <b>Form</b>             | 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. |
| <b>Molecular Mass</b>   | 67.7 kDa                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the                                                                                                                                                   |

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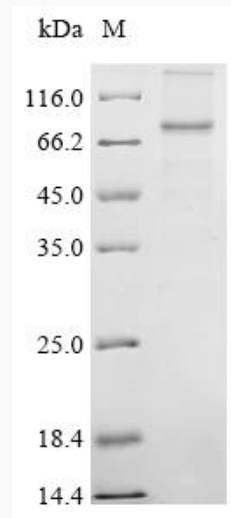
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contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

#### AA Sequence

MRNDDDDTHSTLTSSSEQVSESKIVPKDSQKPSDPNVHQNGTDVTDSAKQNASLKEV  
TVVTLPPDLKALEGDTHPTMPSSREVLFPNPVHKNGTPLTHSVDPNGLSKDDEVTI  
VALESESKALEKELKKKGINYFKIGKTIANVAYTASLCLVFYKLSAPRGVADGVISALV  
NAPSAAIFFDQFFGKVLINYNPKRVTKTHFALS LTGLAAGNIAAAGEQIAEDAVKGSS  
AWIFYGGLGVSLIYTFTSRTLGLPGAVGYLLNPLLGRCPFPPELEQFRKDLEKNYLNP  
AVQRINEKTPERFIEVFYDTIKENPNKWTGYDIYKNTIEKAFQVGGLIAVQHFFGLFQQ  
LAAEGWGKISPQLENNCGLNSISAATTAFFYYLLVLKLPPTFRKSLEQIWILGVHNSR  
TLPAKIIKTALLLATLGGAGVAAAYFSGSGMAEETARYDQLAQNGTLPFCVNNPPLSP  
WEGIDGNVNELWMTIVAGVGCNFTGMLFLFNPILDFFIKKSHENPWCIQSMLAVLES  
APILNSNQLEKELGSWIPLIQGKRPTAIQAIENKRSLVKIAENTNLPRPKFWFCGDLW  
KCSSNDENTRLLSETEDPVPSALTA

#### SDS-PAGE



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