

## Recombinant Rickettsia conorii (strain ATCC VR-613 / Malish 7) ompA protein, His&Myc-tagged

**Cat. No.** ompA-4778R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rickettsia conorii (strain ATCC VR-613 / Malish 7) ompA protein(Q52657)(1734-2021aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                  |
| <b>Species</b>          | Rickettsia conorii                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1734-2021aa                                                                                                                                                                                                                                       |
| <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>   | 39.2 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 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 |

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concentration) and aliquot for long-term storage at -20°C/-80°C.

#### AA Sequence

DMDAKFGAWISPFVGNATQKMCNSISGYKSDTTGGTIGFDGFVSDDLVLGLAYTRA  
 DTDIKLKNNKTGDKNKVESNIYSLYGLYSVPYENLFVEAIASYS DNKIRSKSRRVIATT  
 LETVGYQTANGKYKSESYTGQLMAGYTYMMS ENINLTPLAGLRYSTIKDKSYKETGT  
 TYQNLTVKGKNYNTFDG LLGAKVSSNINVNEIVLTPELYAMVDYAFKNKVSAIDARLQ  
 GMTAPLPTNSFKQSKTSFDVGVGVTA KHKMM EYGINYDTNIGSKYFAQQGSVKVRV  
 NF

#### SDS-PAGE



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