

# Recombinant Anaplasma marginale mCherry protein, His-tagged

**Cat. No.** mCherry-2937A **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Anaplasma marginale mCherry protein(X5DSL3)(266aa), fused with His Tag, was expressed in E. coli.                                                                                                                                                                                                              |
| <b>Species</b>          | Anaplasma marginale                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 266aa                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | 1XPBS ,10% Glycerol, pH7.4                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 30.2kDa                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MVSKGEEDNM AIIKEFMRFK VHMEGSVNGH EFEIEGEGEG RPYEGTQTAK<br>LKVTGGGPLP<br>FAWDILSPQF MYGSKAYVKH PADIPDYKL SFPEGFKWER VMNFEDGGVV<br>TVTQDSSLQD<br>GEFIYKVKLR GTNFPSDGPV MQKKTMGWEA SSERMYPEDG ALKGEIKQRL<br>KLKDGGHYDA<br>EVKTTYKAKK PVQLPGAYNV NIKLDITSHN EDYTIVEQYE RAEGRHSTGG<br>MDELYKVSRR<br>RRRRGRRRR GGPLGVRGGH HHHHHC |
| <b>Endotoxin</b>        | < 1EU/μg                                                                                                                                                                                                                                                                                                                   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                       |                                                                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | >95%(SDS-PAGE & RP-HPLC)                                                                                                                                                                                                                         |
| <b>Storage</b>        | <p>If the sample is used within 2-4 weeks, it can be stored at low temperature at 4°C.</p> <p>For long-term storage, it is recommended to add carrier protein (0.1% HSA or BSA) and store at -20~ -80°C.</p> <p>Avoid multiple freeze-thaws.</p> |
| <b>Reconstitution</b> | <p>It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.</p>                                                             |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA