

# Recombinant Full Length Shigella Boydii Serotype 4 Upf0114 Protein Yqha(Yqha) Protein, His-Tagged

**Cat. No.** RFL1680SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Shigella boydii serotype 4 UPF0114 protein YqhA(yqhA) Protein (Q31WQ2) (1-164aa), fused to N-terminal His tag, was expressed in E. coli.                |
| <b>Species</b>          | Shigella boydii serotype 4                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                          |
| <b>ProteinLength</b>    | Full Length (1-164)                                                                                                                                                             |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                              |
| <b>AA Sequence</b>      | MERFLENAMYASRWLLAPVYFGLSLALVALALKFFQEIIHVLPNIFSM AESDLILVLLSL<br>VDMTLVGGLLMVMFMFSGYENFVSQLDISENKEKLNWLGKMDATSLKNKVAASIVAIS<br>SIH LLRVFMDAKNVPDNKLMWYVIIHLTFVLSAFVMGYLDRLTRHNH |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                     |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                             |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                  |
| <b>Storage Buffer</b>   | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                     |

 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

**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.

**GENE INFORMATION**

|           |      |
|-----------|------|
| Gene Name | yqhA |
|-----------|------|

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| Synonyms | yqhA; SBO_2996; UPF0114 protein YqhA |
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| UniProt ID | <a href="#">Q31WQ2</a> |
|------------|------------------------|

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