

# Recombinant Full Length Cytochrome O Ubiquinol Oxidase Subunit 3(Cyoc) Protein, His-Tagged

**Cat. No.** RFL20201SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Cytochrome o ubiquinol oxidase subunit 3(cyoC) Protein (P0ABJ5) (1-204aa), fused to N-terminal His tag, was expressed in E. coli.                                                                     |
| <b>Species</b>          | Shigella flexneri                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | Full Length (1-204)                                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MATDTLTHATAHAHEHGHHDAGGTKIFGFWIYLMSDCILFSILFATYAVLVNGTAGGP<br>TG KDIFELPFVLVETFLLLFSSITYGMAAIAMYKNNKSQVISWLALTWLFAGAGFIGMEI<br>YEF HHLIVNGMGPDRSGFLSAFFALVGTHGLHVTSGLIWMAVLMVQIARRGLTSTN<br>RTRIMCL SLFWHFLLDVVWICVFTVVYLMGAM |
| <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.                                                                                                                |

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|                       |                                             |
|-----------------------|---------------------------------------------|
| <b>Storage Buffer</b> | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
|-----------------------|---------------------------------------------|

**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**

cyoC

**Synonyms**

cyoC; SF0371; S0376; Cytochrome bo(3 ubiquinol oxidase subunit 3; Cytochrome o ubiquinol oxidase subunit 3; Cytochrome o subunit 3; Oxidase bo(3 subunit 3; Ubiquinol oxidase chain C; Ubiquinol oxidase polypeptide III; Ubiquinol oxidase subunit 3

**UniProt ID**[P0ABJ5](#)

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