

# Recombinant Full Length *Saccharomyces Cerevisiae* Cytochrome Oxidase Assembly Protein 3, Mitochondrial(Coa3) Protein, His-Tagged

**Cat. No.** RFL34713SF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length <i>Saccharomyces cerevisiae</i> Cytochrome oxidase assembly protein 3, mitochondrial(COA3) Protein (C7GR49) (1-85aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> . |
| <b>Species</b>          | <i>S.cerevisiae</i>                                                                                                                                                                                          |
| <b>Source</b>           | <i>E.coli</i>                                                                                                                                                                                                |
| <b>ProteinLength</b>    | Full Length (1-85)                                                                                                                                                                                           |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MVLNPSKYQDTRTWKMTTPAMIRARKPFFKGNMLGLTLLLGVTGSVYYYTYHFLHKD<br>NDFA DVPIPPIDPQELEALKKEYEAKKKA                                                                                                                  |
| <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**

COA3

**Synonyms**

COA3; COX25; RRG10; C1Q\_02822; Cytochrome c oxidase assembly factor 3, mitochondrial; Cytochrome c oxidase protein 25; Required for respiratory growth protein 10

**UniProt ID**

C7GR49

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