

# Recombinant Full Length Colobus Polykomos Cytochrome B-C1 Complex Subunit Rieske, Mitochondrial(Uqcrfs1) Protein, His-Tagged

**Cat. No.** RFL6856CF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Colobus polykomos Cytochrome b-c1 complex subunit Rieske, mitochondrial(UQCRFS1) Protein (Q69BK0) (79-274aa), fused to N-terminal His tag, was expressed in E. coli.                         |
| <b>Species</b>          | Colobus polykomos (Western black-and-white colobus monkey)                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Full Length of Mature Protein (79-274)                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | SHTDVKVPDFCDYRRPEVLDSTKSSRESSEARKSFSYMTAVTTVGVAAYAANKNAV<br>TQFVS SMSASADVLAMAKIEVKLSDIPEGKNMAFKWRGKPLFVRHRTQKEIEQEAAV<br>ELSQLRDP QHDLDRVKKPEWVILIGVCTHLGCVPIANAGDFGGYYCPCCHGSHYDAS<br>GRIRLGAPLNL EVPTYEFTSDDMVVVG |
| <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                                                                                                                                    |

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repeated freeze-thaw cycles.

**Storage Buffer**

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**

UQCRFS1

**Synonyms**

UQCRFS1; Cytochrome b-c1 complex subunit Rieske, mitochondrial; Complex III subunit 5; Cytochrome b-c1 complex subunit 5; Rieske iron-sulfur protein; RISP; Rieske protein UQCRFS1; Ubiquinol-cytochrome c reductase iron-sulfur subunit

**UniProt ID**

[Q69BK0](#)

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