

Recombinant Full Length *Sarda Chiliensis* Cytochrome B(Mt-Cyb) Protein, His-Tagged

Cat. No. RFL18309SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Sarda chiliensis</i> Cytochrome b(mt-cyb) Protein (P34864) (1-199aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Sarda chiliensis</i> (Pacific bonito) (<i>Pelamys chiliensis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-199)
Form	Lyophilized powder
AA Sequence	LTGLFLAMHYTPDVESAFASVAHICRDVNFGLIRNLHANGASFFFCIYFHIGRGLYY G SYLYKETWNIGVVLLLLVMMTAFVG YVLPWGQMSFWGATVITNLLSAVPYVGTTL VEWIW GGFSVDNATLTRFFAFHFLFPFVILAMTILHLLFLHETGSNNPIGLNSNADKIS FHPYFS YKDLLGFAILLVALASLAH
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	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

mt-cyb

Synonyms

mt-cyb; cob; cytb; mtcyb; Cytochrome b; Complex III subunit 3; Complex III subunit III; Cytochrome b-c1 complex subunit 3; Ubiquinol-cytochrome-c reductase complex cytochrome b subunit; Fragment

UniProt ID

[P34864](#)

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