

Recombinant Full Length Geophagus Steindachneri Cytochrome B(Mt-Cyb) Protein, His-Tagged

Cat. No. RFL34200GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Geophagus steindachneri Cytochrome b(mt-cyb) Protein (P29665) (1-96aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Geophagus steindachneri (Red hump earth eater)
Source	E.coli
ProteinLength	Full Length (1-96)
Form	Lyophilized powder
AA Sequence	LCXIXQILTGLFLAMHYTSDIATAFSSVAHICRDVNYGWLIRNMHANGSSFFFCIYLHI GRGLYYGSYLYKETWNVGVILLLLVMMTAFVGYVLP
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 repeated freeze-thaw cycles.

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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 [P29665](#)

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