Recombinant Full Length Geophagus Steindachneri Cytochrome C Oxidase Subunit 1(Mt-Co1) Protein, His-Tagged

Cat. No. RFL3174GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Geophagus steindachneri Cytochrome c oxidase subunit 1(mt-co1) Protein (P29645) (1-152aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Geophagus steindachneri (Red hump earth eater)
Source	E.coli
ProteinLength	Full Length (1-152)
Form	Lyophilized powder
AA Sequence	YEHLFWFFGHPEVYILILPGFGMISHIVAYYAGKKEPFGCMGMIWAMMAIGLLGFIVW AH HMFTVGMDVDTRAYFTSATMVIAIPTGVKVFSWLATLHGGSLKWETXXXXALGFI FLFTV GGLTGIVLANSSLDIMLHDTYYVVAHFHYVLS
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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	mt-co1
Synonyms	mt-co1; coi; coxi; mtco1; Cytochrome c oxidase subunit 1; Cytochrome c oxidase polypeptide I; Fragment
UniProt ID	P29645

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