

Recombinant Full Length Micaelamys Namaquensis Cytochrome C Oxidase Subunit 2(Mt-Co2) Protein, His-Tagged

Cat. No. RFL1865MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Micaelamys namaquensis Cytochrome c oxidase subunit 2(MT-CO2) Protein (Q38S41) (1-227aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Micaelamys namaquensis (Namaqua rock rat) (Aethomys namaquensis)
Source	E.coli
ProteinLength	Full Length (1-227)
Form	Lyophilized powder
AA Sequence	MAYPLQLGLQDATSPIMEELMNFHDHTLMIVFLISSLVLYIISLMLTTKLTHSTMDAQ E VETIWTILPAAILVLIALPSLRILYMMDEINNPVLTVKTMGHQWYWSY EYTDYEDLC FDS YMIPTNDLKPGE LRLLEVDNRVVLPMELPIRMLISSE DVLH SWAVPSLGLKTD AI PGR LN QATVSSNR PGLFYGQCSEICGSNHSFMP I VLEMVPLKYFENWSASMI
Purity	Greater than 90% as determined by 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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-CO2

Synonyms MT-CO2; COII; COX2; COXII; MTCO2; Cytochrome c oxidase subunit 2; Cytochrome c oxidase polypeptide II

UniProt ID [Q38S41](#)

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