

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

Cat. No. RFL34292MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mammuthus primigenius Cytochrome c oxidase subunit 2(MT-CO2) Protein (Q38PR9) (1-227aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mammuthus primigenius (Siberian woolly mammoth)
Source	E.coli
ProteinLength	Full Length (1-227)
Form	Lyophilized powder
AA Sequence	MAYPLQLGFQDATSPVMEELLHFHDHTLMIIFLISSLVLYIIMLMLTTKLVHTNMMNVQ E MEMIWTLIPAIIILIALPSLHTLYMMDEINNPLLTIKTMGHQWFWSYEYTDYEDLAF DS YMITTDSLKFGELRLLEVDNRMVLPTDLPVRVLVSSDVLHSAVPSLGLKTDAL PGRLN QVTLTSMRPGLFYGCSEICGANHSFMPIVLELVPLKYFESWSASLA
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[Q38PR9](#)

 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