

# Recombinant Full Length *Canis Mesomelas Elongae* Cytochrome C Oxidase Subunit 2(Mt-Co2) Protein, His-Tagged

**Cat. No.** RFL168CF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length <i>Canis mesomelas elongae</i> Cytochrome c oxidase subunit 2(MT-CO2) Protein (O47671) (1-227aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
<b>Species</b>	<i>Canis mesomelas elongae</i> (Eastern African black-backed jackal)
<b>Source</b>	<i>E. coli</i>
<b>Protein Length</b>	Full Length (1-227)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MAYPFQLGLQDATSPIMEELLHFHDHTLMIVFLISSLVLYIISLMLTTKLHTSTMDAQE VETVWTLPAIILILIALPSLRILYMMDEINNPSLTVKTMGHQWYWSYEYTDYEDLNFD S YMIPTQELKPGELRLLEVDNRVVLPMEMTVRMLVSSDVLHSHWAVPSLGLKTDAL PGRLN QTTLMAMRPGLYYGQCSEICGSNHSFMPIVLEMVPLSYFETWSALMV
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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<b>Reconstitution</b>	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.
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## GENE INFORMATION

<b>Gene Name</b>	MT-CO2
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<b>Synonyms</b>	MT-CO2; COII; COX2; COXII; MTCO2; Cytochrome c oxidase subunit 2; Cytochrome c oxidase polypeptide II
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<b>UniProt ID</b>	<a href="#">O47671</a>
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