

# Recombinant Full Length Pitymys Subterraneus Cytochrome B(Mt-Cyb) Protein, His-Tagged

**Cat. No.** RFL12639MF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Pitymys subterraneus Cytochrome b(MT-CYB) Protein (O78761) (1-134aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Microtus subterraneus (European pine vole) (Pitymys subterraneus)
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-134)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	MTIIRKKHPLIKIINHFSIDLPTPSNISSWWNFGSLLGLCLAVQILTGLFLAMHYTSDTA TAFSSVAHICRDVNYGWLIRYMHANGASMFFICLFLHVGRGVYYGSYNMIETWNMGI ILL FAVMATAFMGYVLP
<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.
<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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**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** [O78761](#)

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