9051 Mira Mesa Blvd, #910094
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CMC1 Human

COX Assembly Mitochondrial Protein 1 Human Recombinant
RCP0466

Product Overview

Name	CMC1 Human

Description

COX Assembly Mitochondrial Protein 1 Human Recombinant

Accession (Primary)	Q7Z7K0

Synonyms

C3orf68, Cmc1p, COX assembly mitochondrial protein homolog.

Introduction

COX Assembly Mitochondrial Protein 1(CMC1) is a member of the CMC family. CMC1 is required for mitochondrial cytochrome c oxidase (COX) assembly and respiration. CMC1 attaches copper and might be involved in copper trafficking and distribution to COX and SOD1.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

CMC1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M UREA and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MALDPAD QHLRHVEKDV LIPKIMREKA KERCSEQVQD FTKCCKNSGV LMVVKCRKEN SALKECLTAY YNDPAFYEEC KMEYLKEREE FRKTGIPTKK RLQKLPTSM.

Precautions

CMC1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7Z7K0)

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