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CHCHD3 Human

Coiled-Coil-Helix-Coiled-Coil-Helix Domain Containing 3 Human Recombinant RCP0417

Product Overview

Name	CHCHD3 Human

Description

Coiled-Coil-Helix-Coiled-Coil-Helix Domain Containing 3 Human Recombinant

Accession (Primary)	Q9NX63

Synonyms

Regulatory Subunit 22, MINOS3, PPP1R22, Mitochondrial Inner Membrane Organizing System 3, Protein Phosphatase 1, Coiled-Coil-Helix-Coiled-Coil-Helix Domain-Containing Protein 3 Mitochondrial, Protein Phosphatase 1, Regulatory Subunit 22.

Introduction

Coiled-coil-helix-coiled-coil-helix domain containing 3 (CHCHD3), is a protein-coding gene. CHCHD3 is essential for maintenance of mitochondrial crista integrity and mitochondrial function. . In addition, CHCHD3 may perform as a scaffolding protein that stabilizes protein complexes involved in crista architecture and protein import. CHCHD3 may also act as a transcription factor which binds to the BAG1 promoter and represses BAG1 transcription. Lung cancer has been associated with CHCHD3.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

CHCHD3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.

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 80.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MGGTTST RRVTFEADEN ENITVVKGIR LSENVIDRMK ESSPSGSKSQ

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RYSGAYGASV SDEELKRRVA EELALEQAKK ESEDQKRLKQ AKELDRERAA ANEQLTRAIL RERICSEEER AKAKHLARQL EEKDRVLKKQ DAFYKEQLAR LEERSSEFYR VTTEQYQKAA EEVEAKFKRY ESHPVCADLQ AKILQCYREN THQTLKCSAL ATQYMHCVNH AKQSMLEKGG

Precautions

CHCHD3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NX63)