
Product Data Sheet

Product Name: CHCHD3 Human
 Cat. No.: GP23139
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMGGTST RRVTFEADEN ENITVVKGIR LSENVIDRMK ESSPSGSKSQRYSGAYGASV SDEELKRRVA EELALEQAKK ESEDQKRLKQ AKELDRERAA ANEQLTRAIL RERICSEEERAKAKHLARQL EEKDRVLKKQ DAFYKEQLAR LEERSSEFYR VTTEQYQKAA EEVEAKFKRY ESHPVCADLQ AKILQCYREN THQTLKCSALATQYMHCNVH AKQSMLEKGG		
Formulation	CHCHD3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.		

Introduction

Coiled-coil-helix-coiled-coil-helix domain containing 3 (CHCHD3), is a protein-coding gene. CHCHD3 is essential for maintenance of mitochondrial cristae integrity and mitochondrial function. In addition, CHCHD3 may perform as a scaffolding protein that stabilizes protein complexes involved in cristae 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.

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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CHCHD3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 250 amino acids (1-227 a.a) and having a molecular mass of 28.5kDa.

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