

## 32-3520: CHCHD3 Recombinant Protein

**Alternative Name :**

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.

### Description

Source : Escherichia Coli. 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.CHCHD3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 80.0% as determined by SDS-PAGE.

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

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMGGTTST RRVTFEADEN ENITVVKGIR LSENVIDRMK  
ESSPSGSKSQRYSGAYGASV SDEELKRRVA EELALEQAKK ESEDQKRLKQ AKELDRERAA ANEQLTRAIL  
RERICSEERAKAKHLARQL EEKDRVLKKQ DAFYKEQLAR LEERSSEFYR VTTEQYQKAA EEVEAKFKRY  
ESHPVCADLQ AKILQCYREN THQTLKCSALATQYMHCVNH AKQSMLEKGG

