

Recombinant Full Length Human CHCHD3 Protein, C-Flag-tagged

Cat. No. CHCHD3-1591HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CHCHD3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is an inner mitochondrial membrane scaffold protein. Absence of the encoded protein affects the structural integrity of mitochondrial cristae and leads to reductions in ATP production, cell growth, and oxygen consumption. This protein is part of the mitochondrial contact site and cristae organizing system (MICOS). Several transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	26 kDa
AA Sequence	MGTTSTRRVTFEADENENITVVKGIRLSENVIDRMKESSPSGSKSQRYSGAYGAS VSDEELKRRVAEEL ALEQAKKESEDQKRLKQAKELDRERAAANEQLTRAILRERICS EEERAKAKHLARQLEEKDRVLKKQDAF YKEQLARLEERSSEFYRVTTTEQYQKAAEE VEAKFKRYESHPCADLQAKILQCYRENTHTLTKCSALATQ YMHCNVNHAQSMLEKGGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	CHCHD3 coiled-coil-helix-coiled-coil-helix domain containing 3 [Homo sapiens (human)]
Official Symbol	CHCHD3
Synonyms	Mic19; MINOS3; MICOS19; PPP1R22
Gene ID	54927
mRNA Refseq	NM_017812.4
Protein Refseq	NP_060282.1
MIM	613748

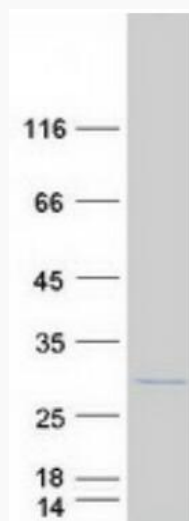
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UniProt ID

Q9NX63



Coomassie blue staining of purified CHCHD3 protein.

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