

## Product datasheet for TP300174L

### CHCHD3 (NM\_017812) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coiled-coil-helix-coiled-coil-helix domain containing 3 (CHCHD3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200174 protein sequence Red=Cloning site Green=Tags(s)

MGGTTSTRRVTFEADENENITVWKGIRLSENVIDRMKESSPSGSKSQRYSGAYGASVSDEELKRRVAEEL  
ALEQAKKESEDQKRLKQAKELDRERAAANEQLTRAILRERICSEEEERAKAKHLARQLEEKDRVLKQDAF  
YKEQLARLEERSSEFYRVTTTEQYQKAAEEVEAKFKRYESHPCADLQAKILQCYRENTHTLKC SALATQ  
YMHCVNHAKQSMLEKGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	26 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_060282</a></u>
Locus ID:	54927



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UniProt ID: [Q9NX63](#), [A4D1N4](#)

RefSeq Size: 1622

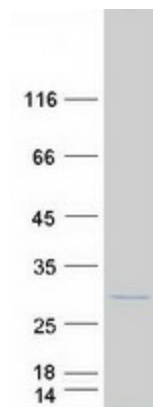
Cytogenetics: 7q32.3-q33

RefSeq ORF: 681

Synonyms: Mic19; MICOS19; MINOS3; PPP1R22

**Summary:** 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. [provided by RefSeq, Nov 2015]

### Product images:



Coomassie blue staining of purified CHCHD3 protein (Cat# [TP300174]). The protein was produced from HEK293T cells transfected with CHCHD3 cDNA clone (Cat# [RC200174]) using MegaTran 2.0 (Cat# [TT210002]).