

Recombinant Human CHCHD3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHCHD3-582H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHCHD3 MS Standard C13 and N15-labeled recombinant protein (NP_060282) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	26.2 kDa
AA Sequence	MGGTTSTRRVTFEADENENITVVKGIRLSENVIDRMKESSPSGSKSQRYSGAYGAS VSDEELKRRVAEELALEQAKKESEDQKRLKQAKELDRERAAANEQLTRAILRERIC EEERAKAKHLARQLEEKDRVLKKQDAFYKEQLARLEERSSEFYRVTTTEQYQKAAEE VEAKFKRYESHPCADLQAKILQCYRENTHTLTKCSALATQYMHCNVNHAKQSMLEK GGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

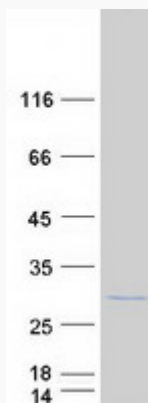
GENE INFORMATION

Gene Name	CHCHD3 coiled-coil-helix-coiled-coil-helix domain containing 3 [Homo sapiens (human)]
Official Symbol	CHCHD3
Synonyms	CHCHD3; coiled-coil-helix-coiled-coil-helix domain containing 3; coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial; FLJ20420; MINOS3; mitochondrial inner membrane organizing system 3; PPP1R22; protein phosphatase 1; regulatory subunit 22; protein phosphatase 1, regulatory subunit 22;
Gene ID	54927
mRNA Refseq	NM_017812
Protein Refseq	NP_060282
MIM	613748
UniProt ID	Q9NX63

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SDS-PAGE

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