

Recombinant Human CHCHD3 Protein, GST-Tagged

Cat. No. CHCHD3-1208H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHCHD3 full-length ORF (NP_060282.1, 1 a.a. - 227 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Nov 2015]
Molecular Mass	52.6 kDa
AA Sequence	MGGTTSTRRVTFEADENENITVVKGIRLSENVIDRMKESSPSGSKSQRYSGAYGAS VSDEELKRRVAEELALEQAKKESEDQKRLKQAKELDRERAAANEQLTRAILRERICS EEERAKAKHLARQLEEKDRVLKKQDAFYKEQLARLEERSSEFYRVTTTEQYQKAAEE VEAKFKRYESHPCADLQAKILQCYRENTHTLTKCSALATQYMHCNVNHAKQSMLEK GG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

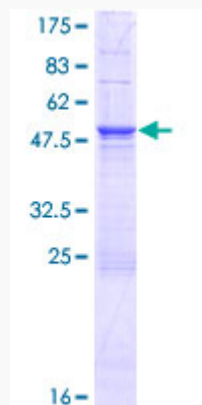
Gene Name	CHCHD3 coiled-coil-helix-coiled-coil-helix domain containing 3 [Homo sapiens]
Official Symbol	CHCHD3
Synonyms	CHCHD3; coiled-coil-helix-coiled-coil-helix domain containing 3; coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial; FLJ20420; MINOS3; mitochondrial inner 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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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