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Product datasheet for AR51201PU-S

CHCHD3 (1-227, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CHCHD3 (1-227, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGGTTST RRVTFEADEN ENITVVKGIR LSENVIDRMK ESSPSGSKSQ RYSGAYGASV SDEELKRRVA EELALEQAKK ESEDQKRLKQ AKELDRERAA ANEQLTRAIL RERICSEEER AKAKHLARQL EEKDRVLKKQ DAFYKEQLAR LEERSSEFYR VTTEQYQKAA EEVEAKFKRY ESHPVCADLQ AKILQCYREN THQTLKCSAL ATQYMHCVNH AKQSMLEKGG
Tag:	His-tag
Predicted MW:	28.5 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CHCHD3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001304106
Locus ID:	54927
UniProt ID:	Q9NX63, C9JRZ6
Cytogenetics:	7q32.3-q33
Synonyms:	Mic19; MICOS19; MINOS3; PPP1R22

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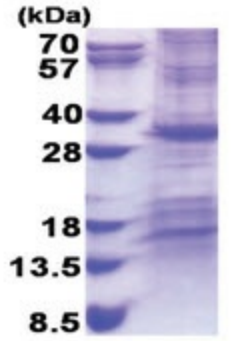
Summary: The protein encoded by this gene is an inner mitochondrial membrane scaffold protein. Absence of the encoded protein affects the structural integrity of mitochondrial cristae and leads to reductions in ATP production, cell growth, and oxygen consumption. This protein is part of the mitochondrial 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:



15% SDS-PAGE (3ug)

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