

Product datasheet for AR51201PU-N

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

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Recombinant Proteins
Description:	CHCHD3 (1-227, His-tag) human recombinant protein, 0.1 mg
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:	<u>NP 001304106</u>
Locus ID:	54927
UniProt ID:	<u>Q9NX63, C9JRZ6</u>
Cytogenetics:	7q32.3-q33
Synonyms:	Mic19; MICOS19; MINOS3; PPP1R22

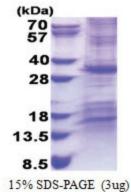


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



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-IAGE (Sug)

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US