

Product datasheet for **AR51634PU-S**

CHCHD7 (1-97, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CHCHD7 (1-97, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMHQTRTG KKTVRMPSVT QRLRDPDINP CLSESDASTR CLDENNYDRE RCSTYFLRYK NCRRFWNSIV MQRKNGVVKP FMPTAAERDE ILRAVGNMPY
Tag:	His-tag
Predicted MW:	13.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CHCHD7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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_001011667
Locus ID:	79145
UniProt ID:	Q9BUK0
Cytogenetics:	8q12.1
Synonyms:	COX23



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Summary:

CHCHD7 is a newly identified member of a multifamily of proteins containing a conserved (coiled coil 1)-(helix 1)-(coiled coil 2)-(helix 2) domain. Its biological function is unknown and the gene has hitherto not been associated with neoplasia. CHCHD7 and PLAG1 are located head-to-head about 500 bp apart in 8q12. Molecular analyses of 27 tumors revealed CHCHD7-PLAG1 fusions in three tumors, two of which had t(6;8) and t(8;15) translocations as the sole anomalies and one a normal karyotype.

Product images: