

Product datasheet for **AR51414PU-S**

UQCRC1 (Complex III subunit core 1) (35-480, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UQCRC1 (Complex III subunit core 1) (35-480, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSEFTATFA QALQFVPETQ VSLLDNGLRV ASEQSSQPTC TVGVWIDVGS RFETEKNGA GYFLEHLAFK GTKNRPGSAL EKEVESMGAAH LNAYSTREHT AYYIKALSKD LPKAVELLGD IVQNCSEDS QIEKERDVIL REMQENDASM RDVWFNYLHA TAFQGTPLAQ AVEGPSENVK KLSRADLLEY LSTHYKAPRM VLAAAGGVEH QQLDLAQKH LGGIPWTYAE DAVPTLTPCR FTGSEIRHRD DALPFAHVAI AVEGPGWASP DNVALQVANA IIGHYDCTYG GGVHLSSPLA SGAVANKLCQ SFQTFSCYA ETGLLGAHFV CDRMKIDMM FVLQGQWMRL CTSATESEVA RGKNILRNAL VSHLDGTPV CEDIGRSLT YGRRIPLAEW ESRIAEDAS VVREICSKYI YDQCPAVAGY GPIEQLPDYN RIRSGMFWLR F
Tag:	His-tag
Predicted MW:	51.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UQCRC1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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_003356
Locus ID:	7384



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UniProt ID:	P31930
Cytogenetics:	3p21.31
Synonyms:	Mitochondria Complex III (Ubiquinol/Cytochrome C Oxidoreductase), Complex III subunit 1
Summary:	This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This protein may mediate formation of the complex between cytochromes c and c1.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images: