

Product datasheet for **AR50550PU-S**

UQCRC2 (Complex III subunit Core 2) (15-453, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UQCRC2 (Complex III subunit Core 2) (15-453, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSLKVAPKVK ATAAPAGAPP QPQDLEFTKL PNGLVIASLE NYSPPVSRIGL FIKAGSRYED FSNLGTTHLL RLTSSLTTKG ASSFKITRGI EAVGGKLSVT ATRENMAYTV ECLRGDVDIL MEFLNVTTA PEFRRWEVAD LQPQLKIDKA VAFQNPQTHV IENLHAAAYR NALANPLYCP DYRIGKVTSE ELHYFVQNHF TSARMALIGL GVSHPVLKQV AEQFLNMRGG LGLSGAKANY RGGEIREQNG DSLVHAAFVA ESAVAGSAEA NAFSVLQHVL GAGPHVKRGS NTTSHLHQAV AKATQQPFDV SAFNASYSDS GLFGIYTISQ ATAAGDVIKA AYNQVKTIAQ GNLSNTDVQA AKNKLGAGYL MSVESSECFLEEVGSQALVA GSYMPPTVLLQQIDSVANAD IINAAKKFVS GQKSMAASGN LGHTPFVDEL
Tag:	His-tag
Predicted MW:	49 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UQCRC2 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_003357
Locus ID:	7385
UniProt ID:	P22695



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Cytogenetics: 16p12.2

Synonyms: MC3DN5; QCR2; UQCR2

Summary: The protein encoded by this gene is located in the mitochondrion, where it is part of the ubiquinol-cytochrome c reductase complex (also known as complex III). This complex constitutes a part of the mitochondrial respiratory chain. Defects in this gene are a cause of mitochondrial complex III deficiency nuclear type 5. [provided by RefSeq, Jul 2015]

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:

