

AR50550PU-N

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

Alternate names:	Complex III subunit 2, Core protein II, Cytochrome b-c1 complex subunit 2, Mitochondria Complex III (Ubiquinol/Cytochrome C Oxidoreductase), Ubiquinol-cytochrome-c reductase complex core protein 2, mitochondrial
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	Cytochrome b-c1 complex subunit 2, mitochondrial, also known as UQCRC2, belongs to the peptidase M16 family. This protein is a component of the ubiquinol-cytochrome c reductase complex (complex III), which is part of the mitochondrial respiratory chain. UQCRC2 is required for the assembly of the complex.
Uniprot ID:	P22695
NCBI:	NP_003357.2
GeneID:	7385
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 10% glycerol, 0.1M NaCl
Description:	Recombinant human UQCRC2 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MSLKVAPKVK ATAAPAGAPP QPQDLEFTKL PNGLVIASLE NYSPVSRIGL FIKAGSRYED FSNLGTTHLL RLTSSLTTKG ASSFKITRGI EAVGGKLSVT ATRENMAYTV ECLRGDVIDL MEFLNVTTA PEFRRWEVAD LQPQLKIDKA VAFQNPQTHV IENLHAAAYR NALANPLYCP DYRIGKVTSE ELHYFVQNHF TSARMALIGL GVSHPLVKQV AEQFLNMRGG LGLSGAKANY RGGEIREQNG DSLVHAADFVA ESAVAGSAEA NAFSVLQHV GAGPHVKRGS NTTSHLQAV AKATQQPFDV SAFNASYSDS GLFGIYTISQ ATAAGDVIKA AYNQVKTIAQ GNLSNTDVQA AKNKLKAGYL MSVESSECFE EEVGSQALVA GSYMPPSTVL QQIDSVANAD IINAAKKFVS GQKSMAASGN LGHTPFVDEL Molecular weight: 49 kDa (460aa)
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. Shelf life: one year from despatch.
General Readings:	Duncan A M., et al. (1993) Genomics. 18:455-456. Wen J J., et al. (2004) Free Radic Biol Med. 37:2072-2081.

Pictures:

