

Product datasheet for PH301258

UQCRH (NM_006004) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UQCRH MS Standard C13 and N15-labeled recombinant protein (NP_005995)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201258
Predicted MW:	10.7 kDa
Protein Sequence:	>RC201258 protein sequence Red =Cloning site Green =Tags(s) MGLEDEQKMLTESGDPEEEEEEEELVDPLTTVREQCEQLEKCVKARERLELCDERVSSRSHTTEEDCTEE LFDLHARDHCVAHKLFNNLK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005995
RefSeq Size:	623
RefSeq ORF:	273
Synonyms:	QCR6; UQCR8
Locus ID:	7388
UniProt ID:	P07919
Cytogenetics:	1p33



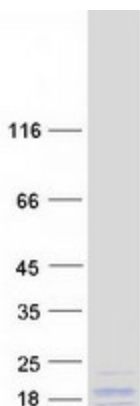
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Summary: This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This protein may mediate formation of the complex between cytochromes c and c1.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

Product images:



Coomassie blue staining of purified UQCRH protein (Cat# [TP301258]). The protein was produced from HEK293T cells transfected with UQCRH cDNA clone (Cat# [RC201258]) using MegaTran 2.0 (Cat# [TT210002]).