

Product datasheet for PH319881

UQCRHL (NM_001089591) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UQCRHL MS Standard C13 and N15-labeled recombinant protein (NP_001083060)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219881
Predicted MW:	10.6 kDa
Protein Sequence:	>RC219881 representing NM_001089591 Red=Cloning site Green=Tags(s) MGLEDEQKMLTESGDPEEEEEEEELVDPLTTVREQCEQLEKCVKARERLELYDEHVSSRSHTTEEDCTEE LFDLHAKDHCVAHKLFNNLK 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001083060
RefSeq Size:	538
RefSeq ORF:	273
Locus ID:	440567
UniProt ID:	A0A096LP55
Cytogenetics:	1p36.21

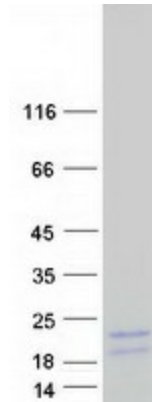


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Summary: This gene has characteristics of a pseudogene derived from the UQCRH gene. However, there is still an open reading frame that could produce a protein of the same or nearly the same size as that of the UQCRH gene, so this gene is being called protein-coding for now. [provided by RefSeq, Jul 2008]

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 UQCRHL protein (Cat# [TP319881]). The protein was produced from HEK293T cells transfected with UQCRHL cDNA clone (Cat# [RC219881]) using MegaTran 2.0 (Cat# [TT210002]).