

Recombinant Human UQCRB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UQCRB-4693H **Lot. No.** (See product label)

SPECIFICATION

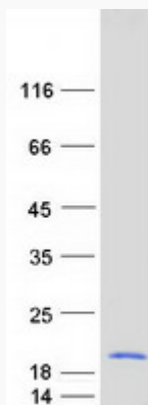
Product Overview	UQCRB MS Standard C13 and N15-labeled recombinant protein (NP_006285) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a subunit of the ubiquinol-cytochrome c oxidoreductase complex, which consists of one mitochondrial-encoded and 10 nuclear-encoded subunits. The protein encoded by this gene binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. This protein plays an important role in hypoxia-induced angiogenesis through mitochondrial reactive oxygen species-mediated signaling. Mutations in this gene are associated with mitochondrial complex III deficiency. Alternatively spliced transcript variants have been found for this gene. Related pseudogenes have been identified on chromosomes 1, 5 and X.
Molecular Mass	13.5 kDa
AA Sequence	MAGKQAVSASGKWLDGIRKWYYNAAGFNKLGLMRDDTIYEDEDVKEAIRRLPENLY NDRMFRIKRALDLNLKHQILPKEQWTKYEEENFYLEPYLKEVIRERKEREEWAKKTR TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	UQCRB ubiquinol-cytochrome c reductase binding protein [Homo sapiens (human)]
Official Symbol	UQCRB
Synonyms	UQCRB; ubiquinol-cytochrome c reductase binding protein; QPC; QCR7; QP-C; UQBC; UQBP; UQPC; UQCR6; MC3DN3; cytochrome b-c1 complex subunit 7; complex III subunit 7; complex III subunit VII; mitochondrial ubiquinone-binding protein; ubiquinol-cytochrome c reductase complex 14 kDa protein; ubiquinol-cytochrome c reductase, complex III subunit VI; EC 7.1.1.8
Gene ID	7381
mRNA Refseq	NM_006294
Protein Refseq	NP_006285
MIM	191330
UniProt ID	P14927

SDS-PAGE

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