

Recombinant Full Length Human UQCRB Protein, Flag tagged

Cat. No. UQCRB-15HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human ubiquinol-cytochrome c reductase binding protein (UQCRB), nuclear gene encoding mitochondrial protein with Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-111 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	13.3 kDa
AASequence	MAGKQAVSASGKWLDGIRKWYYNAAGFNKLGLMRDDTIYEDEDVKEAIRRLPENLY NDRMFRIKRALDLNLKHQILPKEQWTKYEEENFYLEPYLKEVIRERKEREEWAKKTR

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TRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Notes For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration > 0.05 µg/µL as determined by microplate BCA method

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

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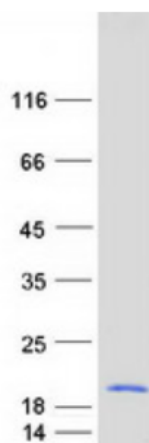
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UniProt ID

P14927

SDS-PAGE and WB

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