

Recombinant Human UQCRB Protein (Ala2-Lys111), N-His tagged

Cat. No. UQCRB-5487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UQCRB (Ala2-Lys111) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Lys111
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	Lyophilized powder/frozen liquid
Molecular Mass	15.71 kDa
Purity	> 90 % as determined by SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

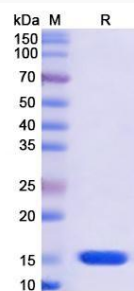
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02 % NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
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;
Gene ID	7381
mRNA Refseq	NM_006294
Protein Refseq	NP_006285
MIM	191330
UniProt ID	P14927

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SDS-PAGE



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