

Recombinant Human UQCRH Protein, GST-tagged

Cat. No. UQCRH-145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UQCRH fused with GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4.
Molecular Mass	37.5kD
AA Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAIEISMLEGAVLDIRYGVSRAYSKDFF TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAIQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPRGSPEF HMGLEDEQKMLTESGDPEEEEEEEEE
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Concentration

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name	UQCRH ubiquinol-cytochrome c reductase hinge protein [Homo sapiens]
Official Symbol	UQCRH
Synonyms	UQCRH; ubiquinol-cytochrome c reductase hinge protein; cytochrome b-c1 complex subunit 6, mitochondrial; QCR6; ubiquinol cytochrome c reductase; complex III subunit VIII; UQCR8; complex III subunit 6; mitochondrial hinge protein; cytochrome c1 non-heme 11 kDa protein; ubiquinol-cytochrome c reductase complex 11 kDa protein; ubiquinol-cytochrome c reductase, complex III subunit VIII; MGC111572;
Gene ID	7388
mRNA Refseq	NM_006004
Protein Refseq	NP_005995
MIM	613844
UniProt ID	P07919

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