

Human UQCRC2 Knockdown Cell Lysate

Cat. No. UQCRC2-513HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated UQCRC2 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	The protein encoded by this gene is located in the mitochondrion, where it is part of the ubiquinol-cytochrome c reductase complex (also known as complex III). This complex constitutes a part of the mitochondrial respiratory chain. Defects in this gene are a cause of mitochondrial complex III deficiency nuclear type 5.
Form	Cell-Tissue Lysis buffer
Molecular Mass	48 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice

 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

Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg UQCRC2 KD HT-1080 cell lysate
Protein Families	Druggable Genome, Protease
Protein Pathways	Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	UQCRC2 ubiquinol-cytochrome c reductase core protein II [Homo sapiens (human)]
Official Symbol	UQCRC2
Synonyms	UQCRC2; ubiquinol-cytochrome c reductase core protein II; cytochrome b-c1 complex subunit 2, mitochondrial; QCR2; UQCR2; core protein II; complex III subunit 2; ubiquinol-cytochrome-c reductase complex core protein 2;
Gene ID	7385
mRNA Refseq	NM_003366
Protein Refseq	NP_003357
MIM	191329
UniProt ID	P22695

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