

Product datasheet for **LY300513**

UQCRC2 Human Knockdown Lysate

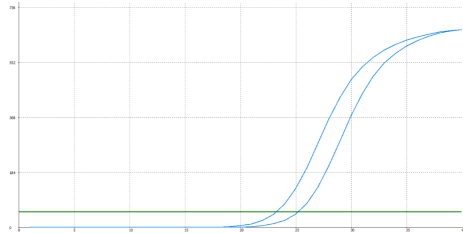
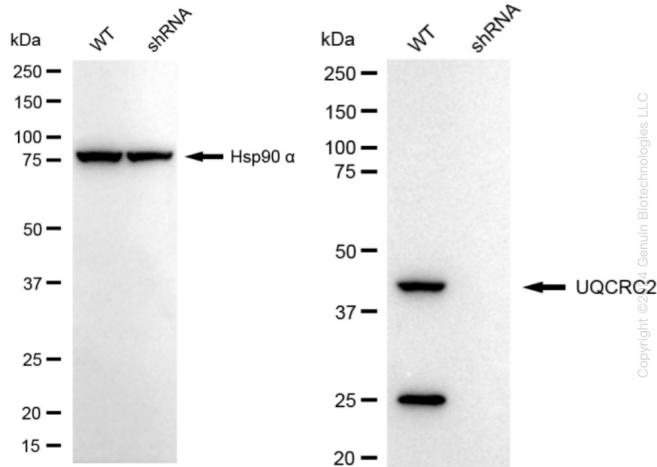
Product data:

Product Type:	Knockdown Lysates
Description:	WB-validated UQCRC2 Knockdown HT-1080 Cell Lysate
Species:	Human
Tag:	Tag Free
Synonyms:	UQCRC2; Ubiquinol-Cytochrome C Reductase Core Protein 2; UQCR2; QCR2; Ubiquinol-Cytochrome-C Reductase Complex Core Protein 2; Ubiquinol-Cytochrome C Reductase Core Protein II; Cytochrome B-C1 Complex Subunit 2, Mitochondrial; Complex III Subunit 2; Cytochrome Bc-1 Complex Core Protein II; Core Protein II; MC3DN5
Predicted MW:	48 kDa
Components:	1 vial of 100 ug WT HT-1080 cell lysate 1 vial of 100 ug UQCRC2 KD HT-1080 cell lysate
Storage:	Store at -20 °C for two years.
Concentration:	Lot-specific
Buffer:	IntactProtein Cell-Tissue Lysis buffer
Locus ID:	7385
UniProt ID:	P22695
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease



[View online »](#)

Product images:



Genotype	Ct Value
Wild-Type	23.09
Knock-Down	25.06
$\Delta Ct (Ct_{KD} - Ct_{WT})$	1.97
% mRNA Reduction	↓ 74%

Copyright ©2024 Genium Biotechnologies LLC

RT-qPCR analysis. HT-1080 cells were infected with UQCRC2-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers. $\Delta Ct (Ct_{KD} - Ct_{WT})$ was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula: $(1 - 1/2^{\Delta Ct}) \times 100\%$.