Human NDUFA13 Knockdown Cell Lysate

Cat. No. NDUFA13-375HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated NDUFA13 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which functions in the transfer of electrons from NADH to the respiratory chain. The protein is required for complex I assembly and electron transfer activity. The protein binds the signal transducers and activators of transcription 3 (STAT3) transcription factor, and can function as a tumor suppressor. The human protein purified from mitochondria migrates at approximately 16 kDa. Transcripts originating from an upstream promoter and capable of expressing a protein with a longer N-terminus have been found, but their biological validity has not been determined.
Form	Cell-Tissue Lysis buffer
Molecular Mass	17 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa 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.

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Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg NDUFA13 KD HeLa cell lysate
Protein Families	Transcription Factors, Transmembrane
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	NDUFA13 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13 [Homo sapiens (human)]
Official Symbol	NDUFA13
Synonyms	NDUFA13; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13; B16.6; CDA016; CGI 39; complex I B16.6 subunit; GRIM 19; GRIM19; CI-B16.6; complex I-B16.6; cell death-regulatory protein GRIM19; cell death regulatory protein GRIM-19; NADH-ubiquinone oxidoreductase B16.6 subunit; gene associated with retinoic and IFN-induced mortality 19 protein; gene associated with retinoic and interferon-induced mortality 19 protein; CGI-39; GRIM-19; FLJ58045; FLJ59191;
Gene ID	51079
mRNA Refseq	NM_015965

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Protein Refseq	NP_057049
MIM	609435
UniProt ID	Q9P0J0

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