

Recombinant Human NDUFA4L2 293 Cell Lysate

Cat. No. NDUFA4L2-3918HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2 (NDUFA4L2) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

NDUFA4L2 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2 [Homo sapiens]

Official Symbol

NDUFA4L2

Synonyms

NDUFA4L2; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 4-like 2; FLJ26118; NUOMS; NADH-ubiquinone oxidoreductase MLRQ subunit homolog; NADH:ubiquinone oxidoreductase MLRQ subunit homolog;

Gene ID

56901

mRNA Refseq

NM_020142

Protein Refseq

NP_064527

UniProt ID

Q9NRX3

Chromosome Location

12q13.3

Pathway

Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Metabolic pathways, organism-specific biosystem; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, organism-specific biosystem;

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Oxidative phosphorylation, organism-specific biosystem;

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