

Recombinant Human NDUFAF1 293 Cell Lysate

Cat. No. NDUFAF1-3912HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1 (NDUFAF1) 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

NDUFAF1 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1 [Homo sapiens]

Official Symbol

NDUFAF1

Synonyms

NDUFAF1; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1; complex I intermediate-associated protein 30, mitochondrial; CGI 65; CIA30; NADH-ubiquinone oxidoreductase 1 alpha subcomplex, assembly factor 1; CGI65; CGI-65;

Gene ID

51103

mRNA Refseq

NM_016013

Protein Refseq

NP_057097

MIM

606934

UniProt ID

Q9Y375

Chromosome Location

15q11.2-q21.3

Function

protein binding; unfolded protein binding;

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