

Recombinant Human NDUFAF4 293 Cell Lysate

Cat. No. NDUFAF4-3910HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 (NDUFAF4), nuclear gene encoding mitochondrial protein 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

NDUFAF4 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 [Homo sapiens]

Official Symbol

NDUFAF4

Synonyms

NDUFAF4; NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4; C6orf66, chromosome 6 open reading frame 66; NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4; bA22L21.1; HRPAP20; HSPC125; My013; hormone-regulated proliferation-associated protein, 20 kDa; hormone-regulated proliferation-associated protein of 20 kDa; C6orf66;

Gene ID

29078

mRNA Refseq

NM_014165

Protein Refseq

NP_054884

MIM

611776

UniProt ID

Q9P032

Chromosome Location

6q16.3

Function

calmodulin binding; protein binding;

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