

Recombinant Human NCOA4 293 Cell Lysate

Cat. No. NCOA4-3940HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear receptor coactivator 4 (NCOA4), transcript variant 5 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

NCOA4 nuclear receptor coactivator 4 [Homo sapiens]

Official Symbol

NCOA4

Synonyms

NCOA4; nuclear receptor coactivator 4; ARA70; DKFZp762E1112; ELE1; PTC3; RET activating gene ELE1; RFG; NCoA-4; ret fused; 70 kDa AR-activator; RET-activating gene ELE1; 70 kDa androgen receptor coactivator; androgen receptor-associated protein of 70 kDa;

Gene ID

8031

mRNA Refseq

NM_001145260

Protein Refseq

NP_001138732

MIM

601984

UniProt ID

Q13772

Chromosome Location

10q11.2

Pathway

Androgen Receptor Signaling Pathway, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Diurnally regulated genes with circadian orthologs, organism-specific biosystem; Pathways in cancer, organism-

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specific biosystem; Thyroid cancer, organism-specific biosystem; Thyroid cancer, conserved biosystem;

Function

androgen receptor binding; receptor activity; transcription coactivator activity;

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