

Recombinant Human NCOA3 293 Cell Lysate

Cat. No. NCOA3-3941HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear receptor coactivator 3 (NCOA3), transcript variant 2 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

NCOA3 nuclear receptor coactivator 3 [Homo sapiens]

Official Symbol

NCOA3

Synonyms

NCOA3; nuclear receptor coactivator 3; ACTR; AIB1; bHLHe42; CAGH16; KAT13B; p/CIP; RAC3; receptor associated coactivator 3; SRC 3; SRC3; thyroid hormone receptor activator molecule 1; TNRC16; TRAM 1; CBP-interacting protein; receptor-associated coactivator 3; amplified in breast cancer 1 protein; steroid receptor coactivator protein 3; class E basic helix-loop-helix protein 42; pCIP; AIB-1; CTG26; SRC-3; TNRC14; TRAM-1; MGC141848;

Gene ID

8202

mRNA Refseq

NM_001174087

Protein Refseq

NP_001167558

MIM

601937

UniProt ID

Q9Y6Q9

Chromosome Location

20q12

Pathway

Androgen Receptor Signaling Pathway, organism-specific biosystem;

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BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian Repression of Expression by REV-ERBA, organism-specific biosystem; Developmental Biology, organism-specific biosystem; FOXA1 transcription factor network, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem;

Function

androgen receptor binding; chromatin binding; estrogen receptor binding; histone acetyltransferase activity; ligand-dependent nuclear receptor binding; ligand-dependent nuclear receptor transcription coactivator activity; nuclear hormone receptor binding; protein N-terminus binding; protein binding; signal transducer activity; thyroid hormone receptor binding; transcription coactivator activity; transcription coactivator activity; transferase activity, transferring acyl groups;