

Recombinant Human CNOT3 293 Cell Lysate

Cat. No. CNOT3-7402HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for CCR4-NOT transcription complex, subunit 3 (CNOT3) 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

CNOT3 CCR4-NOT transcription complex, subunit 3 [Homo sapiens]

Official Symbol

CNOT3

Synonyms

CNOT3; CCR4-NOT transcription complex, subunit 3; NOT3; CCR4-NOT transcription complex subunit 3; KIAA0691; LENG2; NOT3 (negative regulator of transcription 3; yeast) homolog; NOT3H; CCR4-associated factor 3; leukocyte receptor cluster member 2; NOT3 (negative regulator of transcription 3, yeast) homolog;

Gene ID

4849

mRNA Refseq

NM_014516

Protein Refseq

NP_055331

MIM

604910

UniProt ID

O75175

**Chromosome
Location**

19q13.4

Pathway

Deadenylation of mRNA, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Gene Expression, organism-specific

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biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;

Function

protein binding;

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