

Recombinant Human NHP2 293 Cell Lysate

Cat. No. NHP2-3831HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for NHP2 ribonucleoprotein homolog (yeast) (NHP2), transcript variant 1 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

NHP2 NHP2 ribonucleoprotein homolog (yeast) [Homo sapiens]

Official Symbol

NHP2

Synonyms

NHP2; NHP2 ribonucleoprotein homolog (yeast); NOLA2, nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs); H/ACA ribonucleoprotein complex subunit 2; FLJ20479; NHP2-like protein; snoRNP protein NHP2; nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs); DKCB2; NHP2P; NOLA2;

Gene ID

55651

mRNA Refseq

NM_001034833

Protein Refseq

NP_001030005

MIM

606470

UniProt ID

Q9NX24

Chromosome Location

5q35.3

Pathway

Cell Cycle, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Extension of Telomeres, organism-specific biosystem; H/ACA ribonucleoprotein complex, organism-specific biosystem; Ribosome biogenesis in

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eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem; Telomere Extension By Telomerase, organism-specific biosystem;

Function

snoRNA binding;

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