

Recombinant Human NOP56 293 Cell Lysate

Cat. No. NOP56-3763HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for NOP56 ribonucleoprotein homolog (yeast) (NOP56), 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

[NOP56](#) [NOP56 ribonucleoprotein homolog \(yeast\)](#) [[Homo sapiens](#)]

Official Symbol

NOP56

Synonyms

NOP56; NOP56 ribonucleoprotein homolog (yeast); NOL5A, nucleolar protein 5A (56kD with KKE/D repeat) , nucleolar protein 5A (56kDa with KKE/D repeat); nucleolar protein 56; SCA36; spinocerebellar ataxia 36; nucleolar protein 5A (56kDa with KKE/D repeat); NOL5A;

Gene ID

[10528](#)

mRNA Refseq

[NM_006392](#)

Protein Refseq

[NP_006383](#)

MIM

[614154](#)

UniProt ID

[O00567](#)

Chromosome Location

20p13

Pathway

Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-

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specific biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem;
Ribosome biogenesis in eukaryotes, conserved biosystem;

Function

RNA binding; protein binding; snoRNA binding;

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