

Recombinant Human NOB1 293 Cell Lysate

Cat. No. NOB1-3776HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for NIN1/RPN12 binding protein 1 homolog (<i>S. cerevisiae</i>) (NOB1) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 NOB1 NIN1/RPN12 binding protein 1 homolog (S. cerevisiae) [Homo sapiens]

Official Symbol NOB1

Synonyms NOB1; NIN1/RPN12 binding protein 1 homolog (S. cerevisiae); PSMD8 binding protein 1 , PSMD8BP1; RNA-binding protein NOB1; ART 4; MST158; nin one binding protein; NOB1P; protein ART-4; PSMD8 binding protein 1; phosphorylation regulatory protein HP-10; adenocarcinoma antigen recognized by T lymphocytes 4; ART-4; MSTP158; PSMD8BP1;

Gene ID 28987

mRNA Refseq NM_014062

Protein Refseq NP_054781

MIM 613586

UniProt ID Q9ULX3

Chromosome Location 16q22.1

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

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Function

metal ion binding;

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