

Recombinant Human NUP50 293 Cell Lysate

Cat. No. NUP50-3629HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nucleoporin 50kDa (NUP50), 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

NUP50 nucleoporin 50kDa [Homo sapiens]

Official Symbol

NUP50

Synonyms

NUP50; nucleoporin 50kDa; NPAP60L, nucleoporin 50kD; nuclear pore complex protein Nup50; nucleoporin Nup50; 50 kDa nucleoporin; nuclear pore-associated protein 60L; NPAP60; NPAP60L; MGC39961;

Gene ID

10762

mRNA Refseq

NM_007172

Protein Refseq

NP_009103

MIM

604646

UniProt ID

Q9UKX7

**Chromosome
Location**

22q13.3

Pathway

Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Disease, organism-specific biosystem; Export of Viral Ribonucleoproteins from Nucleus, organism-specific biosystem; Gene Expression, organism-specific biosystem; Glucose

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transport, organism-specific biosystem; HIV Infection, organism-specific biosystem;

Function

protein binding;

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