

Recombinant Human NUBP1 293 Cell Lysate

Cat. No. NUBP1-3662HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for nucleotide binding protein 1 (MinD homolog, E. coli) (NUBP1) 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

NUBP1 nucleotide binding protein 1 [Homo sapiens]

Official Symbol

NUBP1

Synonyms

NUBP1; nucleotide binding protein 1; NBP1, nucleotide binding protein 1 (E.coli MinD like) , nucleotide binding protein 1 (MinD homolog, E. coli); cytosolic Fe-S cluster assembly factor NUBP1; NBP 1; nucleotide-binding protein 1; nucleotide binding protein (e.coli MinD like); nucleotide binding protein 1 (E.coli MinD like); nucleotide binding protein 1 (MinD homolog, E. coli); NBP; NBP1; MGC117406; MGC130052; MGC130053;

Gene ID

4682

mRNA Refseq

NM_002484

Protein Refseq

NP_002475

MIM

600280

UniProt ID

P53384

Chromosome Location

16p13.13

Function

4 iron, 4 sulfur cluster binding; ATP binding; iron-sulfur cluster binding; metal ion

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binding; nucleoside-triphosphatase activity; nucleotide binding; protein binding;

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