

Recombinant Human NSUN4 293 Cell Lysate

Cat. No. NSUN4-3682HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for NOP2/Sun domain family, member 4 (NSUN4) 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

NSUN4 NOP2/Sun domain family, member 4 [Homo sapiens]

Official Symbol

NSUN4

Synonyms

NSUN4; NOP2/Sun domain family, member 4; NOL1/NOP2/Sun domain family 4 , NOL1/NOP2/Sun domain family, member 4; putative methyltransferase NSUN4; MGC22960; SHTAP; sperm head and tail associated protein; NOL1/NOP2/Sun domain family member 4; RP4-603I14.2; FLJ18051;

Gene ID

387338

mRNA Refseq

NM_001256127

Protein Refseq

NP_001243056

UniProt ID

Q96CB9

Chromosome Location

1p34

Function

methyltransferase activity; transferase activity;

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