

Recombinant Human NASP 293 Cell Lysate

Cat. No. NASP-3966HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear autoantigenic sperm protein (histone-binding) (NASP), 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	NASP nuclear autoantigenic sperm protein (histone-binding) [Homo sapiens]
Official Symbol	NASP
Synonyms	NASP; nuclear autoantigenic sperm protein (histone-binding); nuclear autoantigenic sperm protein; DKFZp547F162; FLB7527; FLJ31599; FLJ35510; MGC2297; MGC19722; MGC20372; PRO1999; histone H1-binding protein;
Gene ID	4678
mRNA Refseq	NM_001195193
Protein Refseq	NP_001182122
MIM	603185
UniProt ID	P49321
Chromosome Location	1p34.1
Function	Hsp90 protein binding; binding; histone binding;

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