

Recombinant Human SSU72 293 Cell Lysate

Cat. No. SSU72-1451HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for SSU72 RNA polymerase II CTD phosphatase homolog (S. cerevisiae) (SSU72) 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 SSU72 SSU72 RNA polymerase II CTD phosphatase homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol SSU72

Synonyms SSU72; SSU72 RNA polymerase II CTD phosphatase homolog (*S. cerevisiae*); Ssu72 RNA polymerase II CTD phosphatase homolog (yeast); RNA polymerase II subunit A C-terminal domain phosphatase SSU72; HSPC182; CTD phosphatase SSU72; PNAS-120; FLJ13048;

Gene ID 29101

mRNA Refseq NM_014188

Protein Refseq NP_054907

UniProt ID Q9NP77

Chromosome Location 1p36

Pathway mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem;

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