

Recombinant Human RRP7A 293 Cell Lysate

Cat. No. RRP7A-2141HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ribosomal RNA processing 7 homolog A (<i>S. cerevisiae</i>) (RRP7A) 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

RRP7A ribosomal RNA processing 7 homolog A (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

RRP7A

Synonyms

RRP7A; ribosomal RNA processing 7 homolog A (*S. cerevisiae*); ribosomal RNA-processing protein 7 homolog A; CGI 96; CTA-126B4.5; gastric cancer antigen Zg14; CGI-96; BK126B4.3; MGC150422; MGC150423;

Gene ID

27341

mRNA Refseq

NM_015703

Protein Refseq

NP_056518

UniProt ID

Q9Y3A4

Chromosome Location

22q13.2

Pathway

Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;

Function

RNA binding; nucleotide binding;

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