

Recombinant Human ZNRD1 293 Cell Lysate

Cat. No. ZNRD1-9194HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for zinc ribbon domain containing 1 (ZNRD1), transcript variant b 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

ZNRD1 zinc ribbon domain containing 1 [Homo sapiens]

Official Symbol

ZNRD1

Synonyms

ZNRD1; zinc ribbon domain containing 1; zinc ribbon domain containing, 1; DNA-directed RNA polymerase I subunit RPA12; HTEX 6; hZR14; RPA12; tctex 6; zinc ribbon domain-containing protein 1; transcription-associated zinc ribbon protein; RNA polymerase I small specific subunit Rpa12; TEX6; Rpa12; HTEX-6; tctex-6; MGC13376;

Gene ID

30834

mRNA Refseq

NM_014596

Protein Refseq

NP_055411

MIM

607525

UniProt ID

Q9P1U0

Chromosome Location

6p21

Pathway

Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Pyrimidine metabolism,

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organism-specific biosystem; Pyrimidine metabolism, conserved biosystem; RNA polymerase, organism-specific biosystem; RNA polymerase, conserved biosystem;

Function

DNA-directed RNA polymerase activity; metal ion binding; nucleic acid binding; zinc ion binding;

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