

Recombinant Human RPUSD1 293 Cell Lysate

Cat. No. RPUSD1-2153HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for RNA pseudouridylate synthase domain containing 1 (RPUSD1) 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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [RPUSD1 RNA pseudouridylate synthase domain containing 1 \[Homo sapiens \]](#)

Official Symbol [RPUSD1](#)

Synonyms [RPUSD1](#); RNA pseudouridylate synthase domain containing 1; C16orf40, chromosome 16 open reading frame 40; RNA pseudouridylate synthase domain-containing protein 1; MGC19600; RLUCL; ribosomal large subunit pseudouridine synthase C like; ribosomal large subunit pseudouridine synthase C-like protein; C16orf40;

Gene ID [113000](#)

mRNA Refseq [NM_058192](#)

Protein Refseq [NP_478072](#)

UniProt ID [Q9UJJ7](#)

Chromosome Location [16p13.3](#)

Function [RNA binding](#); [molecular_function](#); [pseudouridine synthase activity](#);

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