

Recombinant Human SNRNP27 293 Cell Lysate

Cat. No. SNRNP27-1624HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for small nuclear ribonucleoprotein 27kDa (U4/U6.U5) (SNRNP27) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	SNRNP27 small nuclear ribonucleoprotein 27kDa (U4/U6.U5) [Homo sapiens]
Official Symbol	SNRNP27
Synonyms	SNRNP27; small nuclear ribonucleoprotein 27kDa (U4/U6.U5); U4/U6.U5 small nuclear ribonucleoprotein 27 kDa protein; nucleic acid binding protein RY 1; RY1; U4/U6.U5-27K; U4/U6.U5 tri-snRNP-associated protein 3; putative nucleic acid binding protein RY-1; U4/U6.U5 tri-snRNP-associated 27 kDa protein; 27K;
Gene ID	11017
mRNA Refseq	NM_006857
Protein Refseq	NP_006848
UniProt ID	Q8WVK2
Chromosome Location	2p14
Pathway	Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem;
Function	nucleic acid binding;

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