Recombinant Human SNRPD2 293 Cell Lysate

Cat. No. SNRPD2-1614HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for small nuclear ribonucleoprotein D2 polypeptide 16.5kDa (SNRPD2), transcript variant 2 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	SNRPD2 small nuclear ribonucleoprotein D2 polypeptide 16.5kDa [Homo sapiens]
Official Symbol	SNRPD2
Synonyms	SNRPD2; small nuclear ribonucleoprotein D2 polypeptide 16.5kDa; small nuclear ribonucleoprotein D2 polypeptide (16.5kD) , SNRPD1; small nuclear ribonucleoprotein Sm D2; Sm D2; snRNP core protein D2; SMD2; Sm-D2; SNRPD1;
Gene ID	6633
mRNA Refseq	NM_004597
Protein Refseq	NP_004588
MIM	601061
UniProt ID	P62316
Chromosome Location	19q13.2-q13.3
Pathway	EGFR1 Signaling Pathway, organism-specific biosystem; Gene Expression, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Sm core complex, organism-specific biosystem; Spliceosome, organism-

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	specific biosystem; Spliceosome, conserved biosystem;
Function	protein binding;

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