Recombinant Human SNRNP40 293 Cell Lysate

Cat. No. SNRNP40-1622HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for small nuclear ribonucleoprotein 40kDa (U5) (SNRNP40) 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	SNRNP40 small nuclear ribonucleoprotein 40kDa (U5) [Homo sapiens]
Official Symbol	SNRNP40
Synonyms	SNRNP40; small nuclear ribonucleoprotein 40kDa (U5); WD repeat domain 57 (U5 snRNP specific) , WDR57; U5 small nuclear ribonucleoprotein 40 kDa protein; HPRP8BP; PRP8BP; PRPF8BP; SPF38; U5-40K; U5-40kD protein; Prp8-binding protein; 38 kDa-splicing factor; U5 snRNP 40 kDa protein; WD repeat-containing protein 57; WD repeat domain 57 (U5 snRNP specific); U5 snRNP-specific 40 kDa protein (hPrp8-binding); 40K; WDR57; MGC1910; RP11-490K7.3; FLJ41108;
Gene ID	9410
mRNA Refseq	NM_004814
Protein Refseq	NP_004805
MIM	607797
UniProt ID	Q96DI7
Chromosome Location	1p35.2
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-

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	Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem;
Function	protein binding;

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