

Recombinant Human SNRNP40 293 Cell Lysate

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

SPECIFICATION

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.
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	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-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP,

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organism-specific biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem;

Function

protein binding;

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