

# 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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