

Recombinant Human TUT1 293 Cell Lysate

Cat. No. TUT1-634HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for terminal uridylyl transferase 1, U6 snRNA-specific (TUT1) 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

TUT1 terminal uridylyl transferase 1, U6 snRNA-specific [Homo sapiens]

Official Symbol

TUT1

Synonyms

TUT1; terminal uridylyl transferase 1, U6 snRNA-specific; RBM21, RNA binding motif protein 21; speckle targeted PIP5K1A-regulated poly(A) polymerase; FLJ21850; FLJ22267; FLJ22347; PAPD2; RNA uridylyltransferase; TUTase; U6 TUTase; star-PAP; U6-TUTase; RNA-binding protein 21; RNA binding motif protein 21; RNA-binding motif protein 21; PAP-associated domain-containing 2; U6 snRNA-specific terminal uridylyltransferase 1; poly(A) polymerase associated domain containing 2; nuclear speckle-targeted PIPK1A-regulated-poly(A) polymerase; nuclear speckle targeted phosphatidylinositol 4-phosphate 5-kinase type I-alpha regulated-poly(A) polymerase; RBM21; STARPAP; MGC131987; MGC149809;

Gene ID

64852

mRNA Refseq

NM_022830

Protein Refseq

NP_073741

MIM

610641

UniProt ID

Q9H6E5

Chromosome

11q12.2

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Location**Pathway**

Translation Factors, organism-specific biosystem;

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