

Recombinant Human TUT1 293 Cell Lysate

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

SPECIFICATION

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.
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	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 Location	11q12.2

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Pathway

Translation Factors, organism-specific biosystem;

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