

Recombinant Human UTP14A 293 Cell Lysate

Cat. No. UTP14A-447HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast) (UTP14A), transcript variant 1 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

UTP14A UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast) [Homo sapiens]

Official Symbol

UTP14A

Synonyms

UTP14A; UTP14, U3 small nucleolar ribonucleoprotein, homolog A (yeast); SDCCAG16, serologically defined colon cancer antigen 16; U3 small nucleolar RNA-associated protein 14 homolog A; NY CO 16; antigen NY-CO-16; serologically defined colon cancer antigen 16; NYCO16; SDCCAG16; dJ537K23.3; FLJ37089; KIAA0266;

Gene ID

10813

mRNA Refseq

NM_001166221

Protein Refseq

NP_001159693

MIM

300508

UniProt ID

Q9BVJ6

Chromosome Location

Xq26.1

Pathway

Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome

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biogenesis in eukaryotes, conserved biosystem;

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