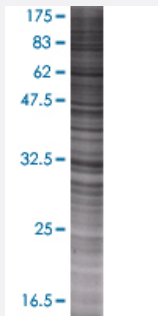


RPLP0 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006175-T01

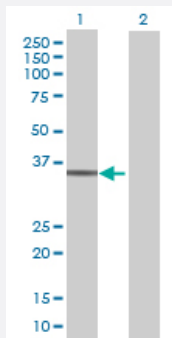
Size 100 uL

Applications



SDS-PAGE Gel

RPLP0 transfected lysate.



Western Blot

Lane 1: RPLP0 transfected lysate (34.98 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-RPLP0 full-length

Host Human

Theoretical MW (kDa) 34.98

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RPLP0 antibody ([H00006175-B01](#)) by Western Blots.

SDS-PAGE Gel

RPLP0 transfected lysate.

Western Blot

Lane 1: RPLP0 transfected lysate (34.98 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RPLP0

Entrez GeneID[6175](#)**GeneBank Accession#**[NM_001002.3](#)**Protein Accession#**[NP_000993.1](#)**Gene Name**

RPLP0

Gene Alias

L10E, MGC111226, MGC88175, P0, PRLP0, RPP0

Gene Description

ribosomal protein, large, P0

Omim ID[180510](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein, which is the functional equivalent of the E. coli L10 ribosomal protein, belongs to the L10P family of ribosomal proteins. It is a neutral phosphoprotein with a C-terminal end that is nearly identical to the C-terminal ends of the acidic ribosomal phosphoproteins P1 and P2. The P0 protein can interact with P1 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

Other Designations

60S acidic ribosomal protein P0|acidic ribosomal phosphoprotein P0|ribosomal protein P0

Pathway

- [Ribosome](#)