

AR50230PU-S**Human RPLP2 (1-115, His-tag) - Purified****Alternate names:**

60S acidic ribosomal protein P2, D11S2243E, NY-REN-44, RPP2, Renal carcinoma antigen NY-REN-44

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

60S acidic ribosomal protein P2, also known as RPLP2, belongs to the L12P family of ribosomal proteins. This gene encodes a ribosomal phosphoprotein that is a component of the 60S subunit. It is a functional equivalent of the E. coli L7/L12 ribosomal protein. RPLP2 is located in the cytoplasm. It plays an important role in the elongation step of protein synthesis. Unlike most ribosomal proteins, which are basic, the encoded protein is acidic.

Uniprot ID:

[P05387](#)

NCBI:

[NP_000995](#)

GeneID:

[6181](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Description:

Recombinant human RPLP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHHH SSGLVPRGSH MGSHMRYVAS YLLAALGGNS SPSAKDIKKI LDSVGIEADD
DRLNKVISEL NGKNIEDVIA QGIGKLASVP AGGAVAVSAA PGSAAAPAAGS APAAAAEKKD
EKKEESEESD DDMGFGLFD

Molecular weight: 14.2 kDa (139aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Gardner Thorpe J., et al. (2003) Anticancer Res. 23:4549. Rich BE., et al. (1987) Mol Cell Biol. 7(11):4065-74.