

AR51035PU-S

Human RPS16 (1-146, His-tag) - Purified

Alternate names:

40S ribosomal protein S16

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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. RPS16 is a ribosomal protein that

Uniprot ID:

[P62249](#)

NCBI:

[NP_001011](#)

GeneID:

[6217](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Description:

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMPKSGPL QSVQVFGRKK TATAVAHCKR GNGLIKVNGR
PLEMIEPRTL QYKLLEPVLL LGKERFAGVD IRVRVKGGGH VAQIYAIRQS ISKALVAYYQ
KYVDEASKKE IKDILIQYDR TLLVADPRRC ESKKFGGPGA RARYQKSYR

Molecular weight: 18.8 kDa (169aa)

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:

Batra SK, Metzgar RS, et al. (1991). J Biol Chem. 266(11):6830-3.

Pictures:

