

AR50948PU-S

Human RPS12 (1-132, His-tag) - Purified

Alternate names:

40S ribosomal protein S12

Quantity:

0.1 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

RPS12 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic m

Uniprot ID:

[P25398](#)

NCBI:

[NP_001007](#)

GeneID:

[6206](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol

Description:

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMAEEGIA AGGVMDVNTA LQEVLTALI HDGLARGIRE
AAKALDKRQA HLCVLASND EPMYVKLVEA LCAEHQINLI KVDDNKKLGE WVGCLKIDRE
GKPRKVVGCS CVVVKDYGKE SQAQDVIEEY FKCKK

Molecular weight: 16.9 kDa (155aa), 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:

Yoshihama M, Uechi T, et al. (2002). Genome Res.12(3):379-90.Yu Y, Ji H, Doudna JA, et al. (2005). Protein Sci. 14(6):1438-46.

Pictures:

