

Product datasheet for **AR50948PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	RPS12 (1-132, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAEEGIA AGGVMDVNTA LQEVLTALI HDGLARGIRE AAKALDKRQA HLCVLASNCD EPMYVKLVEA LCAEHQINLI KVDDNKKLGE WVGLCKIDRE GKPRKVVGCS CVVKDYGKE SQAQDVIEEY FKCKK
Tag:	His-tag
Predicted MW:	16.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol
Preparation:	Liquid purified protein
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001007
Locus ID:	6206
UniProt ID:	P25398
Cytogenetics:	6q23.2
Synonyms:	S12



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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 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 mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]

Protein Pathways:

Ribosome

Product images: