

Product datasheet for **AR51289PU-N**

RPS20 (1-142, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	RPS20 (1-142, His-tag) human protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMFAKDTG KTPVEPEVAI HRIRITLTSR NVKSLEKVCA DLIRGAKEKN LKVKGPRMP TKTLRITTRK TPCGEGSKTW DRFQMRIHKR LIDLHSPSEI VKQITSISIE PGVELIESTD AEPMDTEGQQ YTLRSVFESP GTCPF
Tag:	His-tag
Predicted MW:	18.4 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 0.2M NaCl, 50% glycerol, 2 mM DTT, 1 mM EDTA
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_001014
Locus ID:	6224
UniProt ID:	P60866
Cytogenetics:	8q12.1
Synonyms:	S20; uS10



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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 S10P family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the small nucleolar RNA gene U54, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Apr 2009]

Protein Pathways:

Ribosome

Product images: