

## Product datasheet for **AR51490PU-N**

### RPL18A (1-176, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	RPL18A (1-176, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMKASGTL REYKVVGRCL PTPKCHTPPL YRMRIFAPNH VVAKSRFWYF VSQ LKKMKKS SGEIVYCGQV FEKSPLRVKN FGIWLRYSR SGTHNMYREY RDLTTAGAVT QCYRDMGARH RARAHSIQIM KVEEIAASKC RRPVKQFHD SKIKFPLPHR VLRRQHKPRF TTKRPNTFF
Tag:	His-tag
Predicted MW:	23.2 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 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RPL18A protein, fused to His-tag at N-terminus, was expressed in E.coli.
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:	<a href="#">NP_000971</a>
Locus ID:	6142
UniProt ID:	<a href="#">Q02543</a>
Cytogenetics:	19p13.11
Synonyms:	L18A



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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 member of the L18AE family of ribosomal proteins that is a component of the 60S subunit. The encoded protein may play a role in viral replication by interacting with the hepatitis C virus internal ribosome entry site (IRES). This gene is co-transcribed with the U68 snoRNA, located within the third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome. [provided by RefSeq, Jul 2012]

**Protein Pathways:**

Ribosome

**Product images:**