

## Product datasheet for **AR50797PU-N**

### RPL12 (1-165, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	RPL12 (1-165, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMPKFD P NEIKWYLRC TGGEVGATSA LAPKIGPLGL SPKKVGDDIA KATGDWKGLR ITVKLTIQNR QAQIEVPSA SALIIKALKE PPRDRKKQKN IKHSGNITFD EIVNIARQMR HRSLARELSG TIKEILGTAQ SVGCNVDGRH PHDIIDDINS GAVECPAS
Tag:	His-tag
Predicted MW:	20.2 kDa
Concentration:	lot specific
Purity:	>95% 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, 20% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RPL12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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_000967</a>
Locus ID:	6136
UniProt ID:	<a href="#">P30050</a>
Cytogenetics:	9q33.3
Synonyms:	L12



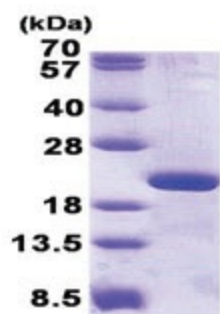
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**Summary:**

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 60S subunit. The protein belongs to the L11P family of ribosomal proteins. It is located in the cytoplasm. The protein binds directly to the 26S rRNA. This gene is co-transcribed with the U65 snoRNA, which is located in its fourth intron. 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:**

15% SDS-PAGE (3ug)