**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for AR51160PU-N

## RPL34 (1-117, His-tag) Human Protein

### Product data:

| | |
|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | RPL34 (1-117, His-tag) human recombinant protein, 0.5 mg |
| **Species:** | Human |
| **Expression Host:** | E. coli |
| **Expression cDNA Clone or AA Sequence:** | MGSSHHHHHH SSGLVPRGSH MGSMVQRLTY RRRLSYNTAS NKTRLSRTPG NRIVYLYTKK VGKAPKSACG VCPGRLRGVR AVRPKVLMRL SKTKKHVSRA YGGSMCAKCV RDRIKRAFLI EEQKIVVKVL KAQAQSQKAK |
| **Tag:** | His-tag |
| **Predicted MW:** | 15.7 kDa |
| **Concentration:** | lot specific |
| **Purity:** | >85% by SDS - PAGE |
| **Buffer:** | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M NaCl, 10% glycerol |
| **Preparation:** | Liquid purified protein |
| **Protein Description:** | Recombinant human RPL34 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:** | NP_000986 |
| **Locus ID:** | 6164 |
| **UniProt ID:** | P49207, A1LUY1 |
| **Cytogenetics:** | 4q25 |
| **Synonyms:** | L34 |

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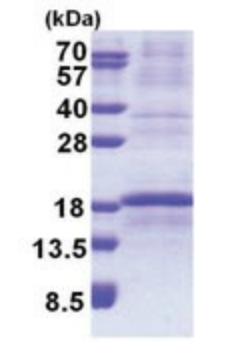
**Summary:** Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Overexpression of this gene has been observed in some cancer cells. Alternative splicing results in multiple transcript variants, all encoding the same isoform. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Feb 2016]

**Protein Pathways:** Ribosome

## Product images:



15% SDS-PAGE (3ug)