

## Product datasheet for **SC119493**

### Ribosomal protein L26 (RPL26) (NM\_000987) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ribosomal protein L26 (RPL26) (NM_000987) Human Untagged Clone
Tag:	Tag Free
Symbol:	Ribosomal protein L26
Synonyms:	DBA11; L26
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119493 sequence for NM_000987 edited (data generated by NextGen Sequencing)

```
ATGAAGTTTAATCCCTTTGTGACTTCCGACCGAAGCAAGAATCGCAAAAGGCATTTCAAT
GCACCTTCCCACATTCGAAGGAAGATTATGTCTTCCCCTTTTCCAAGAGCTGAGACAG
AAGTACAACGTGCGATCCATGCCATCCGAAAGGATGATGAAGTTCAGGTTGTACGTGGA
CACTATAAAGGTCAGCAAATTGGCAAAGTAGTCCAGGTTTACAGGAAGAAATATGTTATC
TACATTGAACGGGTGCAGCGGAAAAGGCTAATGGCACAAGTCCACGTAGGCATTCAC
CCCAGCAAGGTGGTTATCACTAGGCTAAAAGTGGACAAAGACCGCAAAAAGATCCTCGAA
CGGAAAGCCTAACTCGCCAAGTAGGAAAGGAAAAGGCAATACAAGGAAGAAACCATT
GAGAAGATGCAGGAATAA
```

Clone variation with respect to NM\_000987.3



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_000987 unedited  
 GTTCANGATTTGTATACGACTCCTATAGCGGCCCGCGAATCGGCACGAGGCGGCCATCA  
 CCGAAGCGGGAGCGGCCAAAATGAAGTTTAATCCCTTTGTGACTTCCGACCGAAGCAAGA  
 ATCGCAAAGGCATTTCAATGCACCTTCCCACATTGGAAGGAAGATTATGTCTTCCCCTC  
 TTTCCAAAAGAGCTGAGACAGAAGTACAACGTGCGATCCATGCCCATCCGAAAGGATGATG  
 AAGTTCAGGTTGTACGTGGACACTATAAAGTCAAGCAAAATGGCAAAGTAGTCCAGGTTT  
 ACAGGAAAGAAATATGTTATCTACATTGAACGGGTGCAGCGGGAAAAGGCTAATGGCACA  
 CTGTCCAGTAGGCATTACCCAGCAAGGTGGTTATCACTAGGCTAAAAGTGGACAAAG  
 ACCGCAAAAAGATCCTCGAACGGAAAGCAAATCTCGCCAAGTAGGAAAAGAAAAGGGCA  
 AATACAAGGAAGAAACCATTGAGAAGATGCAGGAATAAAGTAATCTTATATAACAGCTTT  
 GATTAACACTTGAACAAAAAAGAAAAAAGAAAAAAGTCTGACTCTAGATTGCGGCCGCGGTC  
 ATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCAAGTGCCTCTC  
 CCTGCCCTGGAAGTTGCCACTCCAGTCCCACCAGCCTTGTCTAATAAAATTAAGTTGC  
 ATCATTTTGTCTGACTAGGTGTCCTTCTAATCATTATGGGGTGGAGGGGGCTGGGATGGG  
 ACCAAGGGGCCAAGTGGGAAGACACCTGTAGGGCTGCGGGGTCTATTGGGAACCAACTG  
 GAGGGAAGGGCCAATCTGGGCTACTGCAATCCCCCCCCCGGGTTAACGATCTCCTCTCT  
 CACCTCCGAGTTGTGGGAT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_000987 unedited  
 GTGGCAAACCTCCAGNCCAGGNANNAGGCACTGGGGNAGGGGTACAGGGCATGCCAC  
 CCGGGTATCTGTNTCAGGAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTTTTTTTT  
 TTTTTTTTTTGGTTCAAGTTTTAATCAAAGCTTGTATATAAGATTACTTTATTCCTGCA  
 TCTTCTCAATGGTTTCTCCTTGTATTTGCCCTTTTCTTTCTACTTGGCGAGATTGG  
 CTTTCCGTTTCGAGGATCTTTTTGCGGTCTTTGTCCAGTTTTAGCCTAATGATAACCACCT  
 TGCTGGGGTGAATGCCTACGTGGACAGTTGTGCCATTAGCCTTTTCCCGCTGCACCCGTT  
 CAATGTAGATAACATATTTCTTCTGTAAACCTGGACTACTTTGCCAATTTGCTGACCTT  
 NNNAGTGGCCACGTACAACCTGAACCTCATCATCTTTCCGGATGGGCATGGATCGCACGT  
 TGTACTTCTGTCTCAGCTCTTTGGAAAGAGGGGAAGACATAATCTTCTCGAATGTGGG  
 AAGGTGCATTGAAATGCCTTTTGCATTCTTGTCTCGGTGGAAGTACACAAGGGATTA  
 CTTTCAATTTGGCCGCTCCCGCTTCGGTGTGCGCCGCTCGTGCCGAATTCGCGCCGCCCC  
 TATAGTGAGTCGATTACAAATCTGACGGTTCCTAAACGAGCTCTGCTTTATAGACCT  
 CCCATCATGNNNATTACCCNCCTTTGCGTCACGGGCCGGGGTTATTACCACATTTGGAA  
 AGTTCCGTTGATTTTTGTGCCAAAACACCTCCATTGACGTCAATGGGGGGGAGACTTGG  
 AAATCCCGTGGGTCAACCGCTATCCCGCCATTGGGTGTCTGCCAAAACGGCTCACCATG  
 GAATAGCGAGACTATCCCTAA

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_000987

**Insert Size:**

530 bp

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:**

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_000987.2](#), [NP\\_000978.1](#)

**RefSeq Size:** 525 bp

**RefSeq ORF:** 438 bp

**Locus ID:** 6154

**UniProt ID:** [P61254](#)

**Cytogenetics:** 17p13.1

**Domains:** KOW, KOW

**Protein Pathways:** Ribosome

**Gene 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 L24P family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Mutations in this gene result in Diamond-Blackfan anemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]  
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.