

## Product datasheet for SC119534

### RPS26 (NM\_001029) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RPS26 (NM\_001029) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** RPS26  
**Synonyms:** DBA10; eS26; S26  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL4  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_001029 edited  
 ATGACAAAGAAAAGAAGGAACAATGGTCGTGCCAAAAAGGGCCGCGCCACGTGCAGCCT  
 ATTCGCTGCCTAACTGTGCCCGATGCGTGCCCAAGGACAAAGCCATTAAGAAATTCGTC  
 ATTCGAAACATAGTGAGGCGCAGCAGTCAGGGACATTTCTGAAGCGAGCGTCTTCGAT  
 GCCTATGTGCTTCCCAAGCTGTATGTGAAGCTACATTACTGTGTGAGTTGTGCAATTCAC  
 AGCAAAGTAGTCAGGAATCGATCTCGTGAAGCCCGCAAGGACCGAACACCCCCACCCCGA  
 TTTAGACCTGCGGGTGTGCCCCACGTCCCCACCAAAGCCCATGTAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_001029 unedited  
 AGCATTTTGTAAATACGACTCACTATAGGGCGGCNCGCAATTTCGCACGAGCCAAGATGAC  
 AAAGAAAAGAAGGAACAATGGTCGTGCCAAAAAGGGCCGCGCCACGTGCAGCCTATTCGC  
 TGCACTAACTGTGCCCGATGCGTGCCCAAGGACAAAGCCATTAAGAAATTCGTCATTTCGA  
 AACATAGTGAGGCGCAGCAGTCAGGGACATTTCTGAAGCGAGCGTCTTCGATGCCTAT  
 GTGCTTCCCAAGCTGTATGTGAAGCTACATTACTGTGTGAGTTGTGCAATTCACAGCAA  
 GTAGTCAGGAATCGATCTCGTGAAGCCCGCAAGGACCGAACACCCCCACCCCGATTTAGA  
 CCTGCGGGTGTGCCCCACGTCCCCACCAAAGCCCATGTAAGGAGCTGAGTTCTTAAAG  
 ACTGAAGACAGGCTATTCTGGAGAAAAATAAAATGGAATTTACTTAAAAAAAAAAAA  
 AA  
 AACCTCGACTTTAAATGGGGCCGGGTGATAGTTGTTTCTGAACAAATCCCGGGGGGC  
 ATCCCTGTGACCCCTCCCAGGGCCTTTCTGGCCCTGGAAGTTGCCACTCCAGGGCCCA  
 CCAGCCTGTGCCTATAAAATAAAGTGGCATCATTTTGTCTGACTAGGGGCCCTTCTAAAT  
 ATATGGGTGAGGGGGNNGGGGTTTTNTNCAAAAGGGGGCAATTGGGGAAAAACACCT  
 TGAAGGCCTTCGCGGGTCTTATTGGGAACCGCCTGGGAGGGCAGGGGCACAATCTTGG  
 CTAAGCATCTCCGCTTCTGGGTTCAAGCGATTCTCTGCCTACTCCCGAGGTGGGGGG  
 GATTCAAGGCTGCATGACAAGCTACTAATTTTGTGTTTTGTGAAAAAAGGGGTTTCAC  
 TTTTGGCCAGCCTGTCTTCACTTAATTCAGGGATTCA

**Restriction Sites:** NotI-NotI



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|                               |   |
|-------------------------------|---|
| <b>ACCN:</b>                  | NM_001029   |
| <b>Insert Size:</b>           | 510 bp  |
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001029.3</a></u> , <u><a href="#">NP_001020.2</a></u>   |
| <b>RefSeq Size:</b>           | 699 bp  |
| <b>RefSeq ORF:</b>            | 348 bp  |
| <b>Locus ID:</b>              | 6231  |
| <b>UniProt ID:</b>            | <u><a href="#">P62854</a></u>   |
| <b>Cytogenetics:</b>          | 12q13.2   |
| <b>Domains:</b>               | Ribosomal_S26e  |
| <b>Protein Pathways:</b>      | Ribosome  |
| <b>Gene Summary:</b>          | This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S26E family of ribosomal proteins. Mutations in this gene are found in Diamond-Blackfan anemia 10. There are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Aug 2017]  |