

Product datasheet for **SC321975**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC321975 TGC GGCCATCACCGAAGCGGGAGCGGCCAAAATGAAGTTTAATCCCTTTGTGACTTCCGA CCGAAGCAAGAATCGCAAAGGCATTTCAATGCACCTTCCACATTGGAAGGAAGATTAT GTCTTCCCTCTTTCCAAGAGCTGAGACAGAAGTACAACGTGCGATCCATGCCATCCG AAAGGATGATGAAGTTCAGGTTGTACGTGGACACTATAAAGTGCAGCAAATTGGCAAAGT AGTCCAGGTTTACAGGAAGAAATATGTTATCTACATTGAACGGGTGCAGCGGGAAAAGGC TAATGGCACAACGTCCACGTAGGCATTCACCCAGCAAGGTGGTTATCACTAGGCTAAA ACTGGACAAGACCGCAAAAAGATCCTCGAACGGAAAGCCAAATCTCGCCAAGTAGGAAA GGAAAAGGGCAAATACAAGGAAGAAACCATTGAGAAGATGCAGGAATAAAGTAATCTTAT ATACAAGCTTTGATTAATAAATTTGAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AA
Restriction Sites:	Please inquire
ACCN:	NM_000987
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).



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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_000987.3](#), [NP_000978.1](#)

RefSeq Size: 602 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.