

## Product datasheet for **MC202057**

### Rpl7 (NM\_011291) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl7 (NM_011291) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rpl7
Synonyms:	Rpl7a; Surf-3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC051261 sequence for NM_011291 AAGAGGTAATCCGCTGGAACCATGGAGGCTGTTCCAGAGAAGAAAAAGAAGTTGCCACTGTGCCAGGAA CCCTTAAGAAAAAGGTTCTGCTGGGCCAAAACTCTCAAGAAAAAGTTCCCGCTGTGCCAGAAACCTT CAAGAAAAAGCGAAGGAATTTTCGAGAGTTGAAGGTGAAGCGCCTGAGGAAGAAGTTGCCCTGAAGACA CTTCGAAAAGGCAAGGAGGAAGCTCATCTATGAGAAGGCAAGCACTATCAAGGAGTACGGGCAGATGT ACCGCACTGAGATTCGGATGGCCAGGATGGCAAGGAAAGCTGGCAACTTCTATGTGCCCGCAGAACCAAA GCTGGCCTTTGTCATCAGAATTCGAGGTATCAATGGAGTAAGCCCAAAGGTTTCGTAAGGTTCTGCAGCTC CTTCGCTTCGACAGATCTTCAATGGCACCTTTGTTAAGCTCAACAAGGCTTCAATTAACATGCTGCGGA TTGTGGAGCCATACATTGCATGGGGTACCCCAACCTGAAGTCAGTAAACGAGCTCATCTACAAGCGAGG CTACGGCAAAATCAACAAGAAGCGGATTGCCTTGACAGATAATTCCTTGATTGCTCGGTCTCTTGTTAAG TTTGGCATCATCTGCATGGAGGATCTAATTCATGAGATCTATACAGTCGGGAAACGCTTCAAGGAAGCAA ATAACTTCTGTGCCCTTCAAGTTATCTTCCCCACGAGGTGGGATGAAGAAAAAGACAACCTCACTTTGT AGAAGGTGGAGATGCTGGCAACAGGGAAGACCAGATAAACAGGCTTATTAGACGGATGAACCTAAGGTGTC ACCCATTGTATTTTTGTAATCTGGTCAGTTAATAAACAGTCACAGCTTGGCAAATGAAAAAAAAAAAAA AAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_011291
Insert Size:	813 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).



[View online »](#)

**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:** [BC051261](#), [AAH51261](#)

**RefSeq Size:** 915 bp

**RefSeq ORF:** 813 bp

**Locus ID:** 19989

**UniProt ID:** [P14148](#)

**Cytogenetics:** 1 A3

**Gene Summary:** Component of the large ribosomal subunit (By similarity). Binds to G-rich structures in 28S rRNA and in mRNAs. Plays a regulatory role in the translation apparatus; inhibits cell-free translation of mRNAs (By similarity).[UniProtKB/Swiss-Prot Function]