

## Product datasheet for **MC201165**

### Pop7 (NM\_028753) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pop7 (NM_028753) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pop7
Synonyms:	0610037N12Rik; AI852017; Rpp20
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC010780 sequence for NM\_028753  
 AGCGACGTCCACTTGGATCGGTCGGCGAGGCTCACGCGAGTGAAGGGCACTGAGGAAGGAAGAAGGACTC  
 AGAGCATGGCAGAAAACAGAGAACCCCGCTGTGCCATCGAGGCTGAGCTGGACCCGTGGAGTACACCCCT  
 TCGGAAGCGACTTCCCCACCGCTTGCCCGGAGGCCAACGACATTTATGTCAACATGAAGACTGACTTT  
 AAGGCCAGCTAGCTCGCTGCCAAAAGCTCCTGGACGGGCACTAGGGGCAGAACGCATGCACTGAAA  
 TCTACATTCATGGCTTGGCCTGGCCATCAACCGGCCATCAACATCGCCCTGCAGCTGCAGGCGGGCAG  
 CTTTGGGTCCCTACAGGTGGCCGCAATACCTCCACCGTGGAGCTGGTGGACGAGTTGGAGCCAGAGACT  
 GACTCTCGGGAGCCCTGACGAGGGTCAGGAACAACCTCAGCCATCCACATCCGAGTCTTCAGGGTCAAGC  
 CCAAGTAACTGAAGGGAGGCTGACTTGGACCCACCAAGGCTTCTGAGCACACACATCCATGTGGCCGAGG  
 TTTCTAGTGCTTCATAGTGGCTTGTGTTCTGAGTCTGTCCTGAGCCTCTGTTACCTTGTACTTCAGC  
 CTAGAGGACTGAGAATGGAGAGCCCGAGAAGTGAATCTTCCTTGTCTGTATAATAAATTATTAAGTTGT  
 GTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_028753

**Insert Size:** 423 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:** [BC010780](#), [AAH10780](#)

**RefSeq Size:** 729 bp

**RefSeq ORF:** 423 bp

**Locus ID:** 74097

**UniProt ID:** [Q9DCH2](#)

**Cytogenetics:** 5 G2

**Gene Summary:** Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends. Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences.[UniProtKB/Swiss-Prot Function]