

## Product datasheet for MC211785

### Spopl (NM\_001165998) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Spopl (NM\_001165998) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Spopl  
 Synonyms: 4921517N04Rik; AU014935; BB233739; E430033K04Rik  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC211785 representing NM\_001165998  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGATAAAAGGGAAGAAACAAAAGCAATGGAAAGCCAAAGAGCATATCGATTTGTACAGGGGAAGGACTG  
 GGGATTTAAAAAATTCATTAGAAGGGATTTTTGCTTGATGAAGCTAATGGTCTCCTCCAGATGACAAG  
 CTTACGTTATTCTGTGAGCATCTCCAACACTGCTTGCAGAAGAGGTGGAAGCATTGCACTGCCCTCCCTA  
 AAGAACTGGCACCTCCCCCTCCACTGCAAGTGGTCTGTAGACAGGTGAGTGTGGTCCAAGATTCAGTAA  
 ATGTATCAGGACACACTAGTACAAAACACTTTGAAGGTGCCAGAATGTCGACTAGCAGAAGATTTAGGTAA  
 TCTCTGGGAAAACACAAGATTTACAGATTGCTGCTTTTTGTGAGAGGAAAAGAATCAAAGCTCATAAG  
 TCTGTGCTTGACGCTCGATCCCCAGTTTTAATGCAATGTTTGAACATGAAATGGAAGAATGCACAAAGA  
 ATCGAGTGGAAATAAATGATTTAGACCTGAGGTATTTAAAGAAATGATGAGATTTGTTACACAGGAAA  
 AGCACAAATCTTGATAAAATGGCTGACAACTTGTGGCAGCTGCAGACAAATATGCACTGGAACGGCTG  
 AAGGTCATGTGTAAGAAGCTTTGTGTAGTAACTCTCAGTAGAAAATGTTGCTGATACCTTGTCTTGT  
 CAGATTTGCACAGTGCAGAACAGTTGAAAGCCCAGGCAATAGACTTTATTAATAGGTGCAGTGTCTTTCG  
 ACAACTTGGGTGTAAGGATGGGAAAAACTGGAACAACAACCAAGCAACTGACATAATGGAACATCGGGG  
 TGGAAAGTCCATGATTCAGTCTCATCCCCATTTAGTGGCAGAAGCGTTCGAGCACTAGCATCTTCACAGT  
 GTCCACAGTTTGGTATTCCACGCAAAAGGTTAAAGCAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001165998  
 Insert Size: 954 bp



[View online »](#)

<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>	<a href="#">NM_001165998.1</a> , <a href="#">NP_001159470.1</a>
<b>RefSeq Size:</b>	2722 bp
<b>RefSeq ORF:</b>	954 bp
<b>Locus ID:</b>	76857
<b>UniProt ID:</b>	<a href="#">Q2M2N2</a>
<b>Cytogenetics:</b>	2 A3
<b>Gene Summary:</b>	<p>Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins, but with relatively low efficiency. Cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complexes containing homodimeric SPOPL or the heterodimer formed by SPOP and SPOPL are less efficient than ubiquitin ligase complexes containing only SPOP. May function to down-regulate the activity of cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complexes that contain SPOP (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks an alternate coding exon compared to variant 1, that causes a frameshift. The resulting isoform (b) has a shorter and distinct N-terminus compared to isoform a. Variants 2 and 3 both encode isoform b.</p>