

## Product datasheet for MC208994

### Prol1 (NM\_008644) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Prol1 (NM\_008644) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Prol1  
 Synonyms: Muc10  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Fully Sequenced ORF: >MC208994 representing NM\_008644  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAAATGAAATGTTTCATCTTGGCCTGTTGGCTCTTACTTCATATTTTCATGCCTGGTAAAAGTCATC  
 ACAAGTCAAGAAGTTCACAATTCCTGTGAGAAAATATCTAGAAGACCAAGATATCCAAGATATCCAAG  
 ACCACATTATTCCTATGGTTTCATTCCAAGCTCTCAAAGTTTCCAAAAGACAATCAATGGTATAAGATG  
 TGCCCTCCAGGAACCTTAATGCTGATCAGTCGCCGTTCTCCTAAATTTCTATGCATTCTAAAAGAC  
 AGATTATCTCTGATAAAACGAAACCAAATGCAACCACACCAGCACCTACCACAAACCTACCACAAATGC  
 AACTACACCAGCACCAACCAACAGAAGTACCACAAATGCAATCACACCAGCACCGACCCCAACCTACC  
 ACAAAATGCAACCACACCAGCACCAACCAACAGAAGTACCACAAATGCAACCACACCAGCACCGACCTCA  
 AACCTACCACAAATGCAACCATACCAGCACCAACCAACAGAAGTACCACAAATGCAACCACACCAGCAC  
 GACCACAAACCTACCACAAATACAACCACACCAGCACCGACCAACCTACCACAAATGTAACCACA  
 CCAGCAACAACCACAAATGTAACCACACCAGCAACAACCACAAATGCAACCACACCAGCAACAACCACAA  
 ATGCAACCACACCAGCAACAACCACAAATGCAACCACACCAGCAACAACCACAAATCTACAACAAAAGA  
 ACCTACTACTTACCTAAGCCTAGCACCTCTACAGCCATACCTACAACAATAAGTCTGCAATAGTACT  
 TCCTCTACTACAATACTACTACCATCCAAACTACAGCTCCAACATTTGCGGAAGTGTGGGAAAGTTCT  
 TTCAGCAGATCTTAGGTTAAAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_008644



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<b>Insert Size:</b>	939 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_008644.2</a></u> , <u><a href="#">NP_032670.2</a></u>
<b>RefSeq Size:</b>	1166 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	17830
<b>Cytogenetics:</b>	5 E1