

## Product datasheet for **MC221242**

### **Satl1 (NM\_028655) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Satl1 (NM_028655) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Satl1
Synonyms:	4930404K22Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221242 representing NM\_028655  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATCAACCAGGCACTTATCAATCAGGTATGACACAACCAAGTGAAGCCAACCAGCTATGAGTCCAC  
 CAGGCCTGAGCCACACAACATGCAACAACCAGGGACAAGTCAACCATACATGAACCAGCCAAGCATGAA  
 CCAACCAGCCATGAACGAACCAGGTGTAACAATACCAGACTCAAGCCAATCAGATATAAAACAAGCAGGC  
 CAGAGCCAACCAATATGAAACAACCGTGGTCAAGCACGAACCAACCAGGCATCTACAAAACAGACATGA  
 GCCAACTGGGTATGAAACAACCAAGTCAAGTCAAGCAGGCATGAGCCAAGCAGGCATGTGGCAGCCAGG  
 CCCACCCACTTCCGATATGAAAACAATAAACCATGGCAATGGGACCCAGAGTATTCAGGCAGGGAAACCA  
 TCAGACACGTGGCAAATAACCCAAAGTAACTCAGGGAACAGGGCAATCAGATACAGTGAAGAAGACCCAA  
 GCTGTGCAGAACGAAAACAACCAGATACATGGAACAGGACCCAAAGTTTTCCAGGAATGAAAAAACAGA  
 ACCATGGCAATGGGAATCAAGCCCTCAAGTGTGAGACAATAGATGCATGGAAGTGGGACCCAGACCAC  
 CCAGGCAGCAACCAATTAATTTATGGCAACCACAACCTAAGTGACTCATCTACCAGACAATTCGACTTGA  
 GACAAGCAGGTCCATTGAACTTGGTAAGAAGGAATCTGTACCTGGCAACTAGTCCCTAGTCAACAAGG  
 CAAGACACCATCAAGCTCAGGGCAACAGGACCCTAGCCAACAATTTGTGAGACATGCAGTCACATGGCAA  
 ACAGGTCTAGCCCACTAGCAAAAAACATTTGTCAGGTCCATGGCATATAGGCCTCAACCAATCAGGTATGG  
 AACAGTTGAACACATGTCAAACAGGCTTCGGCCAAAGGTACAGCATGTGTCAATCAAGCGGCAGCCAATC  
 AAGCATGAAAGAGTTTCACATGCTGCAATCAGGTAGCAATCAACCAGATATGAACGATGTGGATGTATGG  
 CAATCAGGCACCAGCCAACCAGGCATGCATCAGATGGATCCATGGCAATGGGGTCAACACTACTCAGGCA  
 ATACACAATCAGGCCAATGGACACCAGGCCCAACGCTCTGGTTGTGGGACAATTTGATTATGGCAACC  
 AGTCCAACCTGGCATGAAATATTCAGAATCAGGGCCATGGAGTCCAAGGCACTTAGATATGAGACAACCA  
 AGCCCCAGCCAATTAGCCACAAGACAATTTGATAAATGGCAACAAAATCCCAGCATGCCTGGTGTAGAC  
 AATTATACACATGGCAGCCAACCTCAAGTTTCTGACACAAGACAATTAGAAAAATTTTATCCCTGCC  
 TATCAATCTAAACATGGAACAATTTTGGGAAGCAGTGTCAAGGCAACCAGGAACCACTCAGTTAGGCACA  
 AACCAATTAGATACAAACCAACCTGATGGCACCAATCAAGCCAAGGAGGAAAGACACAATCAGATAAAT  
 TGGAGCCAAGTCCAAGAAAACCAGAGATGAAAGGTAGTCAACCAGACACTAGCCAATCAGACTCAGATCA  
 TCTAGACATAAGCCAACCAGTCCAAGTCAATTAGAGCCAGGTGAATCAAGCATGAGTGATTTAAATGAA  
 AGTCAACAAGAATTACACAATCTCCATGGGAAAAAAGATTCTTGTTCTTTCTCATAAGACCTGCTG  
 AGCCTGAAGATTGCCAGATATCCTGAGATTGATTAAGAAGTGGCTTCTTATGAAGGCATGGAAGAAAA  
 AGTGTCAATTAACAGAACGGGATTTATTCAGGGATGGTTTTGGGGACAATCCACTTTTCTACTGCCTGGTT  
 GCTGAAGCACCCAGTGAACAGACAGAATCAGGAGTCAAAACCAATTGGATTTGCCATGTACTACTTCACAT  
 ATGACCCACGGATTGGCAAACCTGCTTACCTAGAGGATTTTTATCACTGAAGACTATCAAGGTATAGG  
 TATTGGGGCTGACATGCTGAAGAAGCTAAGTCAAGTACTACTCGCCTAGGGGCTTTAGACCTCTCCTGTG  
 CTTGTCATCATTGGAATCAGGATCTGTTGAGTACTACTCGCCTAGGGGCTTTAGACCTCTCCTGTG  
 AGGAAGGCTGGCATCTGTTGAGATTAAGTGGATGATCTCCTGGAGCTTGCAGAGGAAGAA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_028655

Insert Size: 2235 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).

<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_028655.1</a></u> , <u><a href="#">NP_082931.1</a></u>
<b>RefSeq Size:</b>	2412 bp
<b>RefSeq ORF:</b>	2235 bp
<b>Locus ID:</b>	73809
<b>UniProt ID:</b>	<u><a href="#">Q9D5N8</a></u>
<b>Cytogenetics:</b>	X E1