

## Product datasheet for **RN215511**

### Large1 (NM\_001108439) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Large1 (NM\_001108439) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Large1  
**Synonyms:** Large  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN215511 representing NM\_001108439  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCTGGGAATCTGCCGAGGGAGACGGAAATTCCTGGCTGCCTCTCTGACTCTACTCTGCATACCAGCCC  
TCACCTGGATTTATTTGTTTCCCGGGAGCCTTGAAGATGGGAAACCCGTGTCTCTCTCCCTGGAGTC  
CCAAGCCACAGTCCCAGGTACACCGCCTCCAGCCAACGCGAGCGGGAGAGCCTGGAAGTACGAGTCCGA  
GAGGTTGAGGAGGAAAACCGCGCCTGCGCAGGCAACTCAGCCTGGCTCAGGGTCAAGCCCTGCTCACC  
GCCGTGGGAACCACTCCAAGACGTACTCCATGGAGGAGGGAACAGGGGACAGTGAGAACCACGAGCTGG  
CATTGTGGCAGGCAACAGCTCTGAGTGTGGCAGCAGCCGGCTGTGGAGAAGTGTGAGACCATCCATGTG  
GCCATCGTCTGTGCCGATACAACGCCAGCAGGGACGTTGTACCCCTGGTGAATCCGTCCTCTTTTCATA  
GGCGGAACCTCTGCACTTCCACCTCATTGCTGATTCTATTGCGGAGCAGATCCTGGCTACTCTCTTCCA  
GACCTGGATGGTACCTGCAGTCCGAGTAGACTTCTATAACGCTGATGAGCTCAAGTCTGAAGTGTCTGG  
ATTCCCAACAACATTACTCTGGGATTTATGGCCTGATGAAGCTGGTACTGACCAAGACCCTACCTGCCA  
ACCTGGAGAGAGTCATTGTCTAGACACCGACATTACCTTGAACAGACATCGCAGAGCTCTGGGCTGT  
GTCCATAAGTTCAAAGGTCAACAGGTCTGGATTGGTAGAGAACCAGAGTGACTGGTATCTTGGAAAT  
CTCTGGAAAAATCACCGTCCATGGCCAGCCCTTGAAGGGGCTATAACACAGGAGTCATACTACTGCTTC  
TGGACAAGCTTCGGAAGATGAAGTGGGAGCAGATGTGGAGGCTGACGGCAGAGAGGGAACATGGGAAT  
GCTGTCTACCTCCTTGGCTGACCAGGACATTTCAATGCTGTCAAAACAAAACCCCTTTCTGGTGTAT  
CAGCTTCCCTGCTTCTGGAATGTGCAGCTGTGAGCCACACCCGCTCTGAGCAGTGTACAGAGATGTGT  
CCGATTTAAAGACTACAGATGTTGGAGGCCATCTG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



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<b>ACCN:</b>	NM_001108439
<b>Insert Size:</b>	1158 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>NM_001108439.1, NP_001101909.1</u>
<b>RefSeq Size:</b>	3634 bp
<b>RefSeq ORF:</b>	1158 bp
<b>Locus ID:</b>	361368
<b>Cytogenetics:</b>	19p12-p11