

## Product datasheet for RN210624

### Alg3 (NM\_001142363) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Alg3 (NM\_001142363) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Alg3  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN210624 representing NM\_001142363  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCTGGGCTGCGGAAACGCGGCCTGCCGGTTCGTGCTCCAGCCGGCAGGAATCTGGAACAAT  
 GGCTACAGCGGGCTGGCAAGAACGCTATCTACTGCTGCGGGAGCCTCGCTACACCTTGATGGTGGCCTC  
 CTGCCTCTGCCTAGCAGAGGTGGGCATCACCTTCTGGGTATTACAGGGTGGCATAACAGAGATTGAC  
 TGGAAAGGCTACATGGCCAGGTGGAGGGTTTCATCAATGGCACATATGACTACACACAGCTGCAGGGTG  
 ACACCGGACCTCTGTCTACCCAGCTGGTTTTCTGTACATCTTTACGGGGCTTTACTATGCTACGGACCG  
 GGGCACTGACATCCCTACGGCCAGAACATCTTTGCTGTACTCTACCTTGTACCTTGGTCTTGTTTTC  
 TTGATATAACCACCAGACCTCCAAGGTGCCTCCCTTCGCTTTTTCTTCATGTGCTGTGCCTCTTACCCTG  
 TCCACTCCATCTTTGTGCTGCGGCTCTTCAACGACCCGGTAGCTATGGCATTGCTCTTCTCAGCGTCAA  
 CCTTCTTGGCGCAGCGCTGGAGCTGGGGCTGCTGCTTTTCAGCCTGGCCGCTCCGGTGAAGATGAAC  
 GTGCTCCTTTTCGCCCCAGGATTGCTATTCCTTCTTACTCAGTTCGGCTTCCGTGGCGCCCTCCCCA  
 AGCTGGCCCTCTGCGCTGCTCTTCAGGTGGTGGGATTGCCCTTCTGTTAGAGAACCCCGTTGGCTA  
 CCTGTGCGCTCCTTTGACCTTGGCCGTGAGTTCTTTACCAATGGACAGTGAATTGGCGTCTCCTGCCT  
 GAAGCCATCTTCTGCACCGTGCCTTCCATCTGGCCCTGCTGGCTGCCATCTTAGCTTCTCTTGTAT  
 TTGCCCTCTGTAGGTGGCACAGAACAGGGGAAAGTATTCTGTCGCTGCTGAAGGATCCTTCCAAAAGGAA  
 AGTTCCACCCCAACCCCTCACACCTAATCAGATTGTCTCCGCTCTTCCCTCCAACTTATTGGCGTC  
 TGCTTCAGCCGCTCCCTCCACTCCAGTTTTATGTCTGGTACTCCACACGCTGCCCCACCTCCTGTGGG  
 CCACGCCCCGACGCTGGCTCACACCTGCTCAGGTTGCTGGTGGTGGGACTCATCGAGCTCTCTGGAA  
 TACATACCCATCCACACCTTTCAGCTCTGCTGCCCTACACCTGTGCCACGCTGTACCCTGCTGCAGCTC  
 TGCTGTCCCCTCAGTTCTTTCTAGGAGCGTCCAGCAAGCAGGAAAACCCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online >](#)

<b>ACCN:</b>	NM_001142363
<b>Insert Size:</b>	1317 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_001142363.1, NP_001135835.1</u>
<b>RefSeq Size:</b>	1445 bp
<b>RefSeq ORF:</b>	1317 bp
<b>Locus ID:</b>	287983
<b>Cytogenetics:</b>	11q23