

## Product datasheet for **RN207958**

### **Alg2 (NM\_001100710) Rat Untagged Clone**

#### Product data:

Product Type: Expression Plasmids  
Product Name: Alg2 (NM\_001100710) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Alg2  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
Fully Sequenced ORF: >RN207958 representing NM\_001100710  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCGAAAACCTGTACCGAACCCGGTCCCAGGGTTTACAGCCCATCCGTGCTGTTTCTGCACCCAGATA  
TGGGTATAGGCGGTGCCGAGCGCTAGTGTGGACGCGGCGCTGGCGCTGCAGGAGTACGGCTGTCAGT  
GAAGATATGGACCGCGCACTACGACCCAAACCACTGTTTCATTGAGACCCGCGAGCTCTCGGTGCAGTGC  
GCAGGGGACTGGCTGCCTCGCAGCTGGGCTGGGCGGCCGCGCGCCATCTGCTCCTACGTGCGCA  
TGGTCTTTCTGGCGCTCTACGTGCTGTTTCTCTCCGGCGAGGAGTTTCGACGTGGTGGTGTGCGACCAAGT  
GTCTGCCTGCATCCCTGTGTTCAAACCTGGCCAGACGCGGGAAGAGGGTCTCTTTTACTGTCACTTCCCA  
GATCTGCTGCTTACTCAGAGAAATTCATCTCTGAAGAAGTTCTACAGGGCCCCATCGACTGGATCGAGG  
AGTACACCACGGCATGGCAGATCGCATCTTGGTCAACAGCCAGTACACAGCTTCCGTCTTTAAGGAAAC  
CTTCAAGACCCTGTCTCACAGAAATCCCGATGTGCTCTACCCATCTCTGAACATCGGCAGCTTCGACTTG  
GCCGTTCTGAAAAGATAGATGACCTAGTCCCCAAGGGGAAACAGTTCTGTTCTCTCCATCAACCGGT  
ACGAGAGGAAGAAAACCTGCCCTTGGCCCTGAGCTCCCTGGTCCAGCTTCGCGCTCGGTTGCCGCTCA  
AGAGTGGGAGAAGGTTTCACTGTTCATGGCTGGCGGCTACGACGACAGGGTCTGGAGAAGTGGAGCAC  
TATAAGGAGTTGAAGAAAATAGTCCAAGAGTCAGATCTCGAGCGGCACGTGACCTTCTGCGGTCTTCT  
CAGACAGACAGAAGATCTCACTCTCCACGGCTGCTTGTGTGTGCTCTACACGCCAGCAATGAGCACTT  
TGGCATCGTCCCTCTGGAGGCCATGTACATGCAGTGCCCGGTCATCGCTGTCAATCCGGTGGGCCCTTG  
GAGTCTATTGTCCACAAGGTACGGGGTTTCTGTGTGAGCCCGACCCAGTTCACTTCTCGGAAGCCATGG  
AGAAGTTCATCCCAAACCATCCTTAAAGGCAACGATGGCCCTGGCCGAAAAGCCAGGGTGGCAGAGAA  
GTTTTCCGCTGATGCATTTGCAGATCAGCTCTACCAAGTATGTACCAAACCTGGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001100710
<b>Insert Size:</b>	1248 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_001100710.1</a></u> , <u><a href="#">NP_001094180.1</a></u>
<b>RefSeq Size:</b>	3049 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	313231
<b>Cytogenetics:</b>	5q22