

## Product datasheet for **RN207605**

### **Alg12 (NM\_001108104) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Alg12 (NM_001108104) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Alg12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207605 representing NM\_001108104  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGGCAAGAAATCATCAGGCAGGCAGTCACTGCTGCCTCTGGGGCTGTTGGTCACTGTAGCTGCCA  
 TCCACCTTGTGCTGTCCGTACACCAAGGTAGAAGAGAGCTTCAACCTGCAGGCTACGCATGACCTTCT  
 GTATCACCAGCTGGACATAGACAAGTATGACCACCATGAGTTTCTGGAGTCGTTCCAGGACATTCCTG  
 GGGCCGCTGTTGATTGCCGCGTTCTCCAGCCCTGTGGTTATGTGCTTTCACTGTTGGAAGTCTCCAGAT  
 TTTATTCTCAGCTGATAGTCAGAGGCGTCTGGACTTGGTGTGATTTTTGGACTCTGGACATTACAGAA  
 GGCAGTAAGACAGCAGTTCGGGGCTACGGTGGCTGTATGTTCTGCTGGATATCAGCCACACAGTTTCAT  
 CTCATGTTCTACTGTACGAGGACGCTTCCCAACGTGTTGGCCCTGGCTGTGGTTTTACCGCCCTCACAG  
 CCTGGCTGCAGCAGATGGGCCGCTTTGTCTGGCTCTCCGCCCTTGTATCATTGGCTTCAGGGCTGA  
 GCTGGCTATGCTGCTGGGCATCATGCTGCTGCTGACCTTGTACCAAAGGAGGATGTCTGTGGCCAGATTG  
 CTCAGACAGCCATCCCAGCAGGATTCTTTGCCTAGGGCTGACGTTGCTGTGGACTCCTATTTCTGGC  
 GATACCTTGTGTGGCCAGAAGGAGTGGTCTTTGGTACAACACTGTCTGAACAAAAGTTCCAACCTGGGG  
 TACCTCCCACCTCTGTGGTATTTCTACTCAGCCCTGCCCGAGGCTGGGCTGCAGCCTTCTTTCATA  
 CCCCTGGGTGCAGTGGACAGGAGAACCTTTGCGTTGGCTCTGCCAAGCCTTGATTCTGTGGCTTTACT  
 CGCTCCTCCCACACAAGGAAGTCCGGTTCATCATCTATACCTTCCTGTACTCAACATCATGGCTGCCAG  
 AGGCTGCACCTATGTCTGAATAAAAAGTCTTGGCCGTACAAGGTGAGAGCTCTGCTGGTGTGGGAT  
 GTCGTGGTAAATGTGGCGTCTACAGCCACATCCCTCTATGTGTCCATTTCAACTACCCTGGTGGGTTG  
 CGATGCAGCGGCTACATGAAGTGGTCCACCTCAGACAGATGTCCTTGTACACATCGATGGCTGCTGC  
 CCAGACAGGCGTGTACAGGTTTCTACAGGTCAACGATGACTGGAGGTATGACAAGGGAAGATGTGCAG  
 CTGGGAGCAGCGGCATGCTGGACTACCCACATCATCATGGAGGCAGTGCCTGGGCACCTGGCCCTCT  
 ACAGGGACACGCACCGAGTCTAGCCCGGATTGAGGCCACTACAGGTGTGAGCCTGAATCTAATGAAAGT  
 GCCGCCCTTTGATGTCAGCCTGCAGACAAAGCTGGTACTTCTAGAGCGGCTGCTTAGCCCGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108104
- Insert Size:** 1467 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).
- Components:** 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).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
  2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
  3. Close the tube and incubate for 10 minutes at room temperature.
  4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
  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.

RefSeq: NM\_001108104.2, NP\_001101574.2  
RefSeq Size: 2058 bp  
RefSeq ORF: 1467 bp  
Locus ID: 315212  
Cytogenetics: 7q34