

Product datasheet for **RN214697**

Alg8 (NM_001034127) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Alg8 (NM_001034127) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Alg8
Synonyms:	MGC124750
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214697 representing NM_001034127
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGTTTGGGCTTGCAGCCGGTAGTGCCATTGGTTCTCGGCTTTGGCTCTTGGGGTGACACTCC
 TTAAGTGCCTTCTCATCCCCACCTACCATTCCACAGATTTTGAAGTGCACCGAAAATTGGCTTGTATCAC
 TCACAACCTCCCAATATCTCAGTGGTATTATGAGGCAACTTCAGAGTGGACCTTGGATTATCCCCCTTT
 TTTGCATGGTTCGAGTACGCCTTATCACATATTGCCAAATACTTTGATCAAGAGATGCTTGTATCCATA
 ACCTGAACTATTACAGCTCAAGGACACTGCTTTCCAGAGGTTTTCTGTATCTTGACAGATGCGCTCTT
 TGTGTATGCTGTTACAGAGTGTAAATGCATCGACGAAAAAGAACAGGGAAAGACCCACAGAGAAA
 CCGAAGTTTGTCTGTCGGTCTATTGCTGTGAACTTCGGGTTGTTAATTGTGGACCACATTCAATTTCC
 AGTACAATGGCTTGTCTCTGGCTTGTCTGTGTCATTGCCCGTCTGTTTCAGAAGAGGCATATTGA
 AGGGGCATTTCTTTGCTGTCTCCTCCTCATTCAAGCACATCTACCTCTATGTAGCCCCAGCCTATGGT
 ATCTATCTGCTGCGATCTTACTGTTTCACGGCAAGTAAACCAGATGGCTCTGTCCGATGGGACAGCTTCA
 GCATTGTCGAGTTACTGCCCTGGCACTGATCGTTTTCTAGTTTCCGCTCTTTCGCTAGGTCCTTTCT
 AGCCTTGAACAGCTGCCACAAGTCTTCTCCGACTCTTCTCTTCAAGAGGGGCCCTTGGCATGCCTAC
 TGGGCTCCAAACTTCTGGGCCTTGTACAGTGTCTTGGACAAAGCACTGTGTGTAAGTGGTTTGGAACTGA
 AGCTTCTTGATCCCAGCCAGATCCCCAGGGCCTCAATGACAAGTGGTTTGGTCCAGCAGTCCCAGCACAC
 TGTCTCTCCCTCAGTCTCCCCCTCGGCAACCCTCATCTGCACACTGATAGCCATATTGCCCTCTGTTTTC
 TGTCTTTGGTTTAAACCCCAAGGGCCCAGAGGCTTTCTCCGATGCTTGGTTCTTTGTGCCTTAAGTTCT
 TCATGTTTGGGTGGCATGTCCATGAAAAAGCCATACTCCTTGGCATTCTCCAATGAGCCTACTGGCTGT
 GGAAAAAGCAGGAGATGCGACAATTTTCTGATTCTGACGACAACCGGACACTATTCCCTCTTCCCTCTG
 CTCTTCACTGCACCAGAACTCCCCATTAATCTTGTCTCATGTCCTGTTCACTGTGTACAGTATCTCCT
 CGCTGAGGACGCTGTTTCAGAAAAGAAAAACCTCTTTTAAATTGGATGGAACTCTGTACCTCCTTGGCCT
 GGGGCCTCTGGAAGTCTGCTGTGAGTTTCTATTCCCTTTACCTCGTGGAAAGCTGAAGTACCCCTTCATC
 CCTTTGCTGTGACCTCGGTGTACTGTGCAGTGGGCATCACGTACGCCTGGATCAGGCTGTATGCTTCAG
 TGTTGACTGGCTGCTTGTGTCAGCAAGACAAGAAGCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001034127

Insert Size: 1581 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_001034127.1](#), [NP_001029299.1](#)

RefSeq Size: 2013 bp

RefSeq ORF: 1581 bp

Locus ID: 293129

Cytogenetics: 1q32