

Product datasheet for **RN216937**

Aoah (NM_001191940) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aoah (NM_001191940) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aoah
Synonyms:	RGD1560514
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216937 representing NM_001191940
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCCCCCAGGAAAGTCTTCAAGACCACCCTTCTGTTTCTCTGCTCTCTCACTCATTGGCCTCTG
 TGCCCTATGAGAGCCAGCCGGGTGCCAGCTCTCCACGGCCAAAACGTGTAGGGTGTGTGGTGGTGAT
 ATCATTGATTGAGCAACTGGCTGAAGTTCACAACCTTTCAGTTCAAGTGCAATGGAGAGGCTCTGCAGC
 TACCTACCTGAAAAGCTGTTCTTGAAGCCCTCCTGCTATTTCTTGGTTCAAACATTTGGCTCAGACATCA
 TAAAACACTCGGTGAAGCTATGAAGGCTGATGTGGTGTGCTATGCTCTGGAATTTGCAAGCAGGATGC
 TGTCCAATCACAGTGTCTCTACTCACTTCCCAGGAGGCCTGGAAGTCTCACTGGAGAAGGCGAGA
 CAAGTCTCAGGAAGTCTCTACCATGAAATTTCTAGAAGTGGTCATAATTTGTTTCGCTACCATTTT
 TCACCAAGATCTGCCAGAAAATTGAATTATCTATGAAGAAAGCTGTGCCATTCAAGGATGGAGATTCAGA
 CAAATACAGTGTTCCTCAACTCTGCGAGGCTACCACTGGCGAGGCGGGACTGTAATGACAAAGACAAG
 ACAGTGTACCCGGGCAGAAAGCCAGACAACCTGGGATATCCATCAGGATCCAACCTGTAATGGCATCTGGG
 GTATTGATCCAAAAGATGGAATTCATATGAGAAGAAATTCGTGAAGGTTACAGCCCAAGGGAATCAT
 TTTGCTGGGAGACTCAGCTGGGGCTCATTTTACATCCCCCTGAATGGCTGACAGCTTCGCAGATGTCT
 GTGAAATCCTTCTCAACTTGCCATCAGCACTTACTGATGAGCTCAACTGGCCCCAACTCTCTGGCGTTA
 CTGGATTTCTGGACTCCACGAGTGAATTGAAGAAAAATCCATTTACCATCATTTGAGAAAAAGAAACCA
 TTGCAATCACAGAGACTACCAGATATCTCAAAAAATGGTGCATCTTCCAGAAATCTGAAGAATTTTATC
 GAAAGTTTGTCTAGGAACCAGGCCTGGACCATCCAGCCATTGTTATTTATGCCATGATTGGAAATGATG
 TTTGTAATGGGAGAGCTGACACAATACCAGGAATGACCCTCTGAACAAATGTACGCCAATGTCATGCA
 GACTCTGAAACATCTAAATTCACCTGCCAATGGCAGCCATGTTATTCTATATGGCTTACCAGATGGA
 ACTTTTCTCTGGGATAGCTTGCACAACCGATACCACCCTTAGGTGAGCTAAATAAAGATGTGACCTATG
 CACAGTCTTCTCCTTTCTAAGCTGCCTCCAGGTGAGTCCCTGTAATGGCTGGATGTCTTCCAACAAGAC
 CCTCCGGGCTCTCACTTCAGAGCGAGCAGAACTCTCCAACATACTGAAAAAATTGCAACTACCAAG
 ACATTTGCAAACCTTTGATCTTTTCTACATGGATTTTGCCTTCCATGAAATAATAGAGGACTGGCAGAAAA
 GAGGTGGTCAGCCATGGCAGCTTATTGAACCTGTAGACGGATTCCATCCCAATGAGGTGGCTTCACTTCT
 GCTAGCAAATCGTGTCTGGAAGAAGATACAGCTCCAATGGCTCATGTCCTGGGGAAGGAGAAATCCATTC
 AATTCTCAGATTGAAGAGGTGTTGGAGACCAAGGAGACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191940
- Insert Size:** 1725 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191940.1](#), [NP_001178869.1](#)

RefSeq Size: 1747 bp

RefSeq ORF: 1725 bp

Locus ID: 498757

Cytogenetics: 17q11