

Product datasheet for **MC225906**

Aoah (NM_001281854) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aoah (NM_001281854) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aoah
Synonyms:	4930433E13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225906 representing NM_001281854 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTTCCCTGGAAAGTCTTCAAGACCACCCTTCTGCTTCTTCTGCTCTCTCACTCATTGGCCTCTG
TGCCCTCTGAGGACCAGCCAGGTGACAGCTACTCCCATGGCCAAAGCTGTTTAGGGTGTGTGGTACTGGT
ATCTGTGATTGAGCAACTGGCTGAAGTTCACAACCTTTCAGTCCAGGTGGCGATGGAGAGACTCTGCAGC
TACCTGCCTGAAAAGCTGTTCTTGAAGACCGCCTGCTATTTCTTGGTTCAGACATTTGGCTCAGACATCA
TAAACTACTCGATGAAGCTATGAAGGCTGATGTGGTGTGCTATGCTCTGGAATTTGCAAGCGGGTGC
TGTCACCAACACAGTGTCATCTCTACCCACTTCCCAGGACAACCAACTCATCTCAAGATGTCCAGAACGT
TTCAGGGATCAGTACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001281854
Insert Size:	438 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001281854.1</u> , <u>NP_001268783.1</u>
RefSeq Size:	936 bp
RefSeq ORF:	438 bp
Locus ID:	27052
UniProt ID:	<u>O35298</u>
Cytogenetics:	13 A2
Gene Summary:	<p>This genes encodes an enzyme that catalyzes the hydrolysis of acyloxylacyl-linked fatty acyl chains from bacterial lipopolysaccharides. The encoded protein modulates host inflammatory response to gram-negative bacteria. The proprotein is further cleaved into a large and small chain that interact in a heterodimer. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Aug 2013]</p> <p>Transcript Variant: This variant (2) lacks multiple 3' coding exons and contains an alternate 3' exon, resulting in a distinct 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.</p>