

Product datasheet for **SC329067**

Acyloxyacyl Hydrolase (AOAH) (NM_001177506) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acyloxyacyl Hydrolase (AOAH) (NM_001177506) Human Untagged Clone
Tag:	Tag Free
Symbol:	Acyloxyacyl Hydrolase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC329067 representing NM_001177506.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCAGTCCCCCTGAAAACTCTACGGTGGCGCCTCTATTCTTGCTCCTGTCTCTTCAGTCTCGGCC
TCTCCAGCCAACGATGACCAGTCCAGGCCAGCCTCTCGAATGGGCACACCTGTGTAGGGTGTGTGCTG
GTGGTGTCTGTAATAGAACAGCTTGCTCAAGTTCACAACCTCGACGGTCCAGGCCTCGATGGAGAGACTG
TGCAGCTACCTGCCTGAAAACTGTTCTTGAAAAACCACTGCTATTTAGTCATTGACAAGTTTGGATCA
GACATCATAAACTGCTTAGCGCAGATAGAATGCTGATGTGGTATGTCACACTCTGGAGTTTTGTAAA
CAGAACACTGGCCAACCATTTGTGCATCTCTACCCCTTCCCAAGGAGACATGGAAATTTACACTACAG
AAGGCAAGACAAATTGTCAAGAAGTCCCGATTCTGAAATATTCTAGAAGTGGTTCTGACATTTGTTCA
CTCCCGTTTTGGCCAAGATCTGCCAGAAAATTAATTAGCTATGGAACAGTCTGTGCCATTCAAAGAT
GTGGATTACAGACAAATACAGCGTTTTCCCAACTGCGGGGCTACTACTGGCGGGGAGAGACTGTAAT
GACAGCGACGAGTCAGTGTACCCAGGTAGAAGGCCGAACAACTGGGATGCCATCAGGATCAAAGTGT
AATGGCATTGGGGTGTGATCCAAAAGATGGAGTTCCATATGAGAAGAAATTCTGTGAAGGTTACAG
CCCAGGGGAATCATTTTGTGGGAGACTCAGCTGGGGCTCATTTTACATCTCTCTGAATGGATCACA
GCGTGCAGATGTCTTTGAACTTTTCATCAATCTACCAACAGCCCTTACCAACGAGCTTGACTGGCCC
CAACTCTCTGGTGTACAGGATTTCTGGACTCCACTGTTGGAATTAAGAAAAATCTATTTACCTTCGC
TTATGGAAAAAGAAACCACTGTAATCACAGGGACTACCAGAATATTTCAAGAAATGGTGCATCTCCCGA
AACCTGAAGAAATTTATAGAAAGCTTGCTAGAAAACAAGGTGTGGACTATCCCGCCATCGTTATATAT
GCCATGATTGAAATGATGTCTGCAGTGGGAAGAGTGACCCAGTCCCAGCCATGACCACTCTGAGAAA
CTCTACCAACGTCATGCAGACTCTGAAGCATCTAAATTCACCTGCCAATGGCAGCCATGTTATT
TTGTATGGCTTACCAGATGGAACCTTTCTCTGGGATAATTTGCACAACAGATATCATCTCTCGGCCAG
CTAAATAAAGACATGACCTATGCGCAGTTGACTCCTTCTGAATGCCTCCAGGTCAGCCCTGCCAC
GGCTGGATGTCTTCCAACAAGACGTTGCGGACTCTCACTTCAGAGAGAGCAGAGCAACTCTCCAACACA
CTGAAAAAATTCAGCCAGTGAGAAATTTACAAACTTCAATCTTTTCTACATGGATTTTGCCTTCAT
GAAATCATACAGGAGTGGCAGAAGAGAGGGGACAGCCCTGGCAGCTCATCGAGCCCGTGGATGGATTC
CACCCCAACGAGAGAAAGAGCATCTCTCAAAGGCATATTAATGACAAGCCAGACACTGGACAACCA
GAATGGACCCAGTAACATCATGGATAAAGGGAAACCTGACATGCGACAGCAGAACCAGAGAGTGGCTT
TGCTGTTGTTGGCGGATCATTTCTGAAAAAGGTGCAGTCCAGTGGCCCAAATCTGGGAAAGGAGA
ATCCGTTCAACCCAGATTAACAGGTGTTTGGAGACCAAGGGGGCACTGAGCCTCTCAGGAGCATG
CACCCCTGGGGAGCACAGGGAGGAGGCTTGGGTAACCTATTCCACAACCCATAGGGGGCTGCCA
CGTCACAGGCCAAAGGACTCTTCTTACAGCAGCATCTTTGCAAAATGTCTTTCTCTCAATGAAGAGCAT
ATCTGGACGACTGTGCAATGCTGTGTGCTCCCGGGATCAGTAACCCCTCCGCTGTTCTGAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001177506

Insert Size: 2067 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_001177506.1
RefSeq Size:	2559 bp
RefSeq ORF:	2067 bp
Locus ID:	313
UniProt ID:	P28039
Cytogenetics:	7p14.2
MW:	77.9 kDa
Gene Summary:	<p>This locus encodes both the light and heavy subunits of acyloxyacyl hydrolase. The encoded enzyme catalyzes the hydrolysis of acyloxylacyl-linked fatty acyl chains from bacterial lipopolysaccharides, effectively detoxifying these molecules. The encoded protein may play a role in modulating host inflammatory response to gram-negative bacteria. Alternatively spliced transcript variants have been described.[provided by RefSeq, Apr 2010]</p> <p>Transcript Variant: This variant (2) includes an alternate exon in the 3' coding region compared to variant 1, which results in a frameshift. The resulting protein (isoform 2) is longer and has a distinct C-terminus, compared to isoform 1.</p>