

## Product datasheet for **RN205589**

### Faah (NM\_024132) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Faah (NM_024132) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Faah
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205589 representing NM\_024132  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTCTGAGCGAAGTGTGGACCAGCTGTCTGGGGTCTCCGGGTTTGCCTAGCCTGCAGCTTGTGT  
 CGGCGCGCGGTGGTCTGCGATGGACCGGGCGCCAGAAGGCCCGGGCGCGGCGACCAAGGCGCGCAGAA  
 GCAGCGAGCCAGCCTGGAGACCATGGACAAGGCGGTGCAGCGCTTCCGGCTGCAGAACTCCTGACCTGGAC  
 TCGGAGGCCTTGCTGACCCTGCCCTACTCCAAGTGTACAGAAGTTACAGAGTGGAGAGCTGTCCCCAG  
 AGGCTGTGTTCTTTACTTACCTGGGAAAGGCTGGGAAGTGAACAAAGGGACCAACTGCGTGACCTCCTA  
 TCTGACCGACTGTGAGACTCAGCTGTCCAGGCCCCACGGCAGGGCTGCTCTATGGTGTCCCTGTGAGC  
 CTCAAGGAATGCTTCAGTACAAGGGCCACGACTCCACACTGGGCTTGGAGCTGAATGAGGGCATGCCAT  
 CGGAATCTGACTGTGTGGTGGTCAAGTGTGAAGCTGCAGGGAGCTGTGCCCTTTGTGCATACCAATGT  
 CCCCCAGTCCATGTTAAGCTTTGACTGCAGTAACCTCTCTTTGGCCAGACCATGAACCCATGGAAGTCC  
 TCCAAGAGCCCAGGAGGTTCTCAGGGGGTGGAGGGGCTCTATTGGATCTGGAGGTTCCCTCTGGGTT  
 TAGGCACTGACATTGGCGGCAGCATCCGGTTCCTTCTGCCTTCTGCGGCATCTGTGGCCTCAAGCCTAC  
 TGGCAACCGCCTCAGCAAGAGTGGCCTGAAGGGCTGTGTCTATGGACAGACGGCAGTGCAGCTTTCTCTT  
 GGCCCCATGGCCCGGATGTGGAGAGCCTGGCGCTATGCCTGAAAGCTCTACTGTGTGAGCACTTGTTC  
 CCTTGGACCCTACCGTGCCTCCCTTGCCTTACAGAGAGGAGTCTATAGAAGTTCTAGACCCCTGCGTGT  
 GGGTACTATGAGACTGACAATATACCATGCCAGCCAGCTATGAGGAGGGCTCTGATAGAGACCAAG  
 CAGAGACTTGAGGCTGCTGGCCACACGCTGATCCCTTCTTACCCAACAACATACCCTACGCCCTGGAGG  
 TCCTGTCTGCGGGCGCCTGTTTCAGTGACGGTGGCCGAGTTTTCTCAAAGTCAAAGGTGACTTTGT  
 GGATCCCTGCTTGGGAGACCTGATCTTAATTCTGAGGCTGCCAGCTGGTTTAAAGACTGCTGAGCCTC  
 CTGCTGAAGCCTCTGTTTCTCGCTGGCAGCCTTCTCAACAGTATGCGTCTCGGTGAGTGAAGGATG  
 TGTGAAACTGCAGCATGAGATTGAGATGTATCGCCAGTCTGTGATTGCCAGTGGAAAGCGATGAACCT  
 GGATGTGCTGCTGACCCCATGTTGGGCCCTGCTCTGGATTTGAACACACCGGGCAGAGCCACAGGGGCT  
 ATCAGCTACACCGTCTCTACAAGTGCCTGGACTTCCCTGCGGGGGTGGTGCCTGTACCCTGTGACCG  
 CCGAGGACGATGCCAGATGGAAGTCTACAAAGGCTACTTTGGGGATATCTGGGACATCATCCTGAAGAA  
 GGCCATGAAAAATAGTGTGGTCTGCCTGTGGCTGTGCAGTGCCTGGCTCTGCCCTGGCAGGAAGAGCTG  
 TGCTGAGGTTTCATGCGGGAGGTGGAACAGCTGATGACCCCTCAAAGCAGCCATCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_024132  
**Insert Size:** 1740 bp

<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
<b>Components:</b>	<p>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).</p>
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_024132.3</a> , <a href="#">NP_077046.1</a>
<b>RefSeq Size:</b>	3526 bp
<b>RefSeq ORF:</b>	1740 bp
<b>Locus ID:</b>	29347
<b>UniProt ID:</b>	<a href="#">P97612</a>
<b>Cytogenetics:</b>	5q35
<b>Gene Summary:</b>	catalyzes the degradation and signal termination of the endocannabinoid class of signalling lipids [RGD, Feb 2006]