

Product datasheet for **MC200558**

Faah (NM_010173) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Faah (NM_010173) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Faah
Synonyms:	AW412498
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006863 sequence for NM_010173
 GGTGGCGGTGCGGCTGCAGGAGATCATGGTGTGAGCGAAGTGTGGACCGCGTGTCTGGACTCTCCGGG
 TTTGCCTAGCCTGCAGCTTGTGTGCGCGGCGGTGGTCTGCGATGGACCAGGAGCCAGACCGCCGGG
 CGCGGTGACCAGGGCGCGCAGAAGCAGCGAGCCGGCTGGAGACCATGGACAAGGCGGTGCAGCGCTTC
 CGGCTGCAGAATCCTGACCTGGATTACAGGCCTTGCTGGCTCTGCCCTGCTCCAATGGTACAGAAGT
 TACAGAGTGGGAACTGTCCCAGAAGCTGTGCTCTTTACCTACCTGGGAAAGCCTGGGAAGTGAACAA
 AGGGACCAACTGTGTGACCTCCTATCTGACTGACTGTGAGACTCAGCTGTCCCAGGCCCCACGGCAGGGC
 CTGCTCTATGGCGTCCCGTGAGCCTCAAGGAATGCTTCAGCTACAAGGGCCATGCTTCCACACTGGGCT
 TAAGTTTGAACGAGGGTGTGACATCGGAGAGTACTGTGTGGTGTGCAGGTAAGTGCAGGGAGC
 TGTGCCCTTTGTGCACACCAACGTCACCCAGTCCATGCTAAGCTATGACTGCAGTAACCCCTCTTTGGC
 CAGACCATGAACCCGTGGAAGCCCTCAAGAGTCCAGGAGTTCTCAGGGGGTGAAGGGCTCTCATTG
 GATCTGGAGGCTCCCTCTGGGTTTAGGCACTGACATCGGCGGCAGCATCCGGTTCCTTCTGCCTCTG
 TGGCATCTGTGGCCTCAAGCCTACTGGGAACCGCCTCAGCAAGAGTGGCCTGAAGAGCTGTGTTATGGA
 CAGACAGCAGTGCAGCTTCTGTGGCCCATGGCAGGGATGTGGATAGCCTGGCATTGTGCATGAAAG
 CCCTACTTTGTGAGGATTTGTTCCGCTTGACTCCACCATCCCCCCTTGCCTTCAGGGAGGAGATCTA
 CAGAAGTTCTCGACCCCTTCGTGTGGGATACTATGAAACTGACAACCTACACCATGCCACTCCAGCCATG
 AGGAGGGCTGTGATGGAGACCAAGCAGAGTCTCGAGGCTGCTGGCCACACGCTGGTCCCCTTCTACCAA
 ACAACATACCTTATGCCCTGGAGGTCTGTGCGCAGGTGGGCTGTTACGTGATGGTGGTCTTTTTCT
 CCAAAACTTCAAAGGCGACTTTGTGGATCCCTGCTTGGGGACCTGGTCTTAGTGCTGAAGCTGCCCAGG
 TGGTTTAAAAAAGTGTGAGCTTCTGTGAAGCCTCTGTTTCTCGGCTGGCAGCCTTCTCAACAGTA
 TGTGCTCGGTGAGCGGAAAAGCTGTGGGAAGTGCAGCATGAGATTGAGATGTATCGCCAGTCCGTCAT
 TGCCAGTGGAAAGCAATGAACCTGGACGTGGTGTCTAACCCTCATGCTGGTCTGCTCTGGATTTGAAC
 ACACCGGGCAGAGCCACAGGGGCTATCAGCTACACTGTTCTATAACTGCCTGGACTTCCCTGCGGGGG
 TGGTGCCTGTCAACACTGTGACCGCTGAGGACGATGCCAGATGGAACTACAAGGCTACTTTGGGGA
 TATGTGGGACAACATTCTGAAGAAGGGCATGAAAAGGGTATAGCCCTGCCTGTGGCTGTGCAGTGCCTG
 GCTCTGCCCTGGCAGGAAGAGCTGTGTCTGCGGTTATGCGGGAGGTGGAACGGCTGATGACCCCTGAAA
 AGCGGCCATCTTGAAGGTCATTCATCTGCCAGCTCTGGAGGACCTAAGGCCATGCGCTCTGACTGCA
 GCCCATCTATTAGGATCCTGCCACCATGAGGAGATGCCAGCACGGGAAGAGGCAACCACCTGCCCT
 CCCCTGGACTCTACAGAAACCCAGGACATGCCCTCCATAACCAAGTCTGGACCTGTCTCCCTTTCTGG
 TCTACTTTCCATCTGACCCCTACTCTATGTGACAGCCAGCAGGAACGACACGGGCCAAGGACCACCA
 ACAGTCAAAAAAGCAATGTGTTTCTGTATTTTTCTGGGTATTTTTCTATTAGGACCTTGAACCCAGAGC
 CTGCTGAGAGGGCTGTGCTGTCCCTCCAGAGCTGGCTGTAAATCATGCTACTCTCCTGCTCCAAGCCTCC
 CTAGGCCATCACCCACAAGGTAGACACAGGGACATGTCCTTGGCACTTGGCTCCTGCCCTTCTTCTTGT
 TTCAGATTGGCCCCAGCTTTGATGGACACCGCCCGGGTCTTCTCCCTCATTCCACCTCTCTCTTCTG
 ACTTGGCCTTTTTACTTCTTAGCTGTTGTAGAGAACAAGGTTTCTCTGTGTAGCCCTGGCTGTCCAGGA
 TCTCACTCTGTAGATCAGGCTGGCTTTCAGCTCACAAGGCTGCCTGCCTGGGTGCTGGGATTAAGGCGT
 GTGTTACCAGAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_010173

Insert Size: 1740 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: [BC006863](#), [AAH06863](#)

RefSeq Size: 2475 bp

RefSeq ORF: 1740 bp

Locus ID: 14073

UniProt ID: [O08914](#)

Cytogenetics: 4 53.08 cM

Gene Summary: Degrades bioactive fatty acid amides like oleamide, the endogenous cannabinoid, anandamide and myristic amide to their corresponding acids, thereby serving to terminate the signaling functions of these molecules. Hydrolyzes polyunsaturated substrate anandamide preferentially as compared to monounsaturated substrates (By similarity). [UniProtKB/Swiss-Prot Function]