

Product datasheet for **MC200889**

Far1 (NM_026143) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Far1 (NM_026143) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Far1
Synonyms:	2600011M19Rik; 2900034E22Rik; 3732409C05Rik; AI850429; Mlstcd2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC007178 sequence for NM_026143
CACGGCGTAGCCATCGCTGAAGGAGAGCGAGGCCGAGCTTCCGCGTCGAGATTTGGTGACTGAGGAAA
GGACCCAGAGACTCCTTGAACAATAAGACAAGTCAGGATGGTTTCAATCCCAGAATACTACGAGGGGAA
GAATATCCTTCTCACAGGAGCCACTGGTTTCTTAGGCAAGGTGCTTCTGGAAAAGTTGCTGAGGTCTTGT
CCCAGGGTGAATTCTGTCTATGTTTTGGTGAGGCAAAAAGCTGGTCAGACACCCCAAGAGCGAGTGGAGG
AAATCCTCAGTAGCAAGCTTTTCGACAGGTTGAGAGATGAAAATCCAGATTTTAGAGAGAAAATTATAGC
GATCAACAGTGAACCTACCCAACCTAACTGGCTCTCAGTGAAGAAGATAAGGAGATCATTATAGATTCT
ACAAATGTCATATTCCTACTGTGCGGCTACTGTAAGATTTAATGAAAATTTAAGAGATGCTGTCCAGTTAA
ATGTGATAGCTACACGACAGCTTATTCTCTTGACAGCAAAATGAAGAATCTGGAAGTGTCATGCATGT
CTCAACAGCGTATGCCTACTGCAATCGAAAGCATATTGATGAAGTAGTTTATCCACCCCTGTAGATCCC
AAGAAGCTGATTGATTCTTTAGAATGGATGGATGATGGCTAGTAAATGATATCACACCAAAATTGATAG
GCGACAGGCCATAACAGTACATATACCAAGGCATTGGCAGAGTATGTTGTGCAGCAAGAAGGAGCAAA
GCTAAATGTTGCCATTGTAAGGCCGTCGATCGTCGGTGCCAGTTGAAAGAACCTTTTCCAGGATGGATT
GATAACTTTAATGGACCAAGTGGTCTCTTCATTGCGGCAGGGAAGGAATTTCTGAACAATGCGTGCCT
CCAACAATGCCCTTGAGATCTCGTTCTGTAGATGTAGTGGTCAACACGAGCCTTGCTGCAGCCTGGTA
TTCTGGAGTTAATAGACCAAGAAACATCATGGTGATAATTGCACAACAGGCAGCACTAATCCCTTCCAC
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CCAATGTAATCTAACCTCCAATCACCTTTTATATCATTACTGGATTGCTGTAAGCCATAAGGCCCCAGC
ATTCCTGTATGATATCTACCTCAGGATGACTGGAAGAAGCCCAAGGATGATGAAAACAATCACTCGTCTT
CACAAAGCCATGGTATTCCTTGAGTATTTACAAGTAACCTTGGGTTTGGAACTACTGATAATGTCAATA
TGTTAATGAACCAACTAAACCTGAAGATAAAAAGACCTTTAATATTGATGTACGGCAGTTACATTGGGC
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GCCGCTCGGAAGCATCTCAACAAGTTGCGGAATATCCGTTATGGTTTCAATACAATCCTTGTGATACTTA
TCTGGCGCATTTTATTGCAAGATCACAAATGGCAAGAAACATCTGGTATTTTGTGGTTAGTCTGTGTTA
CAAATTTCTGTACACTTCCGAGCATCCAGCACTATGAGATACTGAAGACCAAGAATTTAGCATTAGAAC
ATCTATGCATATGGTGATCTAAATGCACAAAATGTAAAATGACTTAAGACATCTCACCTTTTGTAAAGA
CATTAACCATCTTAAATTGGAGCGTGGAGTAAATTATGGTCCATTTTATGTAGCATTTTATGTTTATG
CTCAAAACCTAGTGAACACACTGTGGTATGCCAGCTCAGAACTGCAGTAGTCACTCAAATTATGATTCAA
CATTTTAACTCTTGAATGCAAAGGGTAGGAAGGGGGCAGAAGTGGGGCTATGGGAGCATTGACCAGTAT
AACTGTGCAGTTCTGGAACATATTAATTTAAACATGCCTTAACATGCAGTCCTAATATTCAGTGCATGG
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GCATATCATTTTTTATAAGTAATTAGTTGCTCTTATGATCAGAAGGCCAAATATTATTCTAAAGACACTA
ATAGATCTGGATGAATTTAAGATTCTGTATCAATGTATACTCTGTGCATTTGAAGCAAAGTGAAAACATG
CACGGTAAAGGAAACCACTTTTATAGTCTGCATTTTATCAAAATGGAACCTCTGGTGAAGTGTGTTTTCAT
TTTGAAGAGGATTTCTTGAGACGTGATGAGAGGTGGGATTGGGGAAGGATTCATTATATTTATCCTCTCC
TCCTTATAAATTTTCCCACAGGACTTGCCCATATGAACATGCATTATTATGAAGGAATGTAGTTGCAGC
TTTTAACATTAAGAAAAATGTCCTCATGTGTTTGCCAACACACACTAATTTGATCTTGAAAGCTGAATTC
TTTTAAAAATGAATAATGCATAAGTATGTGTATAAAATTAATAAAGGATTTTACCATGTAAGTAGCAAA
CTGTTGAATGAGTTTCAAGTCATCATTTCTTTGCATGTTGTTTGTAGCTTTAGAAAGACATGCGTTATAGA
AACAAAGTAATAGCAAAAAATGTATATTTATTGATTCAATCCCTTTAAATCTTACTAGTTTGTACTA
TATTTTATCCATATTTTAAATGGCTTGTTCAGCATAACACAGTTATAATTAAGCTGATCAAGTTGTACTA
CATTTAAATCATCAGCAGTGTATCTTGAAAGTGTCTTAAAGGGTATGTTTATAGTACAAGAAATTAATGC
AACTTTACATTTTAAATTTTGTCAATTTAAATACAATGTAGAAGTTTATTTTACTATTGTGGACACAAA
ATGTAAAGGAAACCAACTTTTCCATACTGATGTATAATCTTGAAAGGAAAAAAAAAAAAAAAAAGCTTCTCTG
TTGAAGCCAGACTTTGTGTAGTAAACTTTTAAACATTATTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_026143

Insert Size:	1548 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC007178</u> , <u>AAH07178</u>
RefSeq Size:	3241 bp
RefSeq ORF:	1548 bp
Locus ID:	67420
Cytogenetics:	7 F1
Gene Summary:	Catalyzes the reduction of saturated and unsaturated C16 or C18 fatty acyl-CoA to fatty alcohols (PubMed:15220348, PubMed:15220349). It plays an essential role in the production of ether lipids/plasmalogens which synthesis requires fatty alcohols (By similarity). In parallel, it is also required for wax monoesters production since fatty alcohols also constitute a substrate for their synthesis (PubMed:15220349).[UniProtKB/Swiss-Prot Function]