

Product datasheet for **MC203918**

4931406C07Rik (NM_133732) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4931406C07Rik (NM_133732) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4931406C07Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016078
 CTTTGCCTTCATCAAGTAACTGAGCTCCACCATTCAATTTCCAGAGCCGGGACTGTTCTGCTGGTGCCCC
 GTGAGCTCTCGTGGTGGTCAGCCAACAGCTGCGGTGTCTGAGCAGCCTTGCTGAGAGGAAGGAGAATGGC
 TTGCAGTGAGTTTTCTTTACATGCCAAGTCTGGAGGAGCTTGCTGAAGTTTTGCAGAAGGGGCTAACT
 GACAACTTTGCTGATGTCCAGGTCTCAGTGGTTGACTGCCAGATTTAACAAAGGAGCCATTTACCTTTC
 CTGTAAGAGGCATCTGTGGGCAAAGTAAATGCAGAAAGTAAAGCTGCCCGGAGCTTTTATCCTT
 AAACAAAAAAAAGTTTTATGACCTAAATGAAATGCAAAAGTAATAAAGCTGCCCGGAGCTTTTATCCTT
 GGAGCAGGGGCAGGTCCATTTCCAGACGCTTGGGTTCAATTCTGAGTTCATGCCAATTGTTCAAACGCAA
 GTGAACACAACCAACCTGTGAATGGAAGTTACTTTGCCCATAAAAACCCTGCAGATGGAGCGTGCCTGCT
 GGAGAAATACAGCCAAAAATATCATGATTTTGGATGTGCACTACTGGCTAATCTTTTTGCCAGTGAGGGC
 CAACCTGGCAAGGTCAATTGAAGTCAAGCCAAGAGAAGAACAGGAGAAGTAACTTTGTGAGCTGCATGA
 GACAGACTGGAGGAGCACTATGGTGACAAGCCTGTGGGGATGGGAGGCACCTTCATTGTGAGAAGGG
 GAAAGTAAAGCCACATCATGCCTGCAGATTTTCTTCTGCCACTGAACTCGGACGAAGCTGTCAAT
 AAATGGCTACACTTCTATGAGATGAAGGCTCCCTTGGTTTGTCTACCAGTTTTTGTTCAAAGACCCTG
 GACTTGATTTGCGACTGGAGCACACACTTTCTCAGTCATCATGGAGAAGGTGGACTACCCTACGA
 TACGACCCAGACACAGTGGAGTACCTTGATACTTCTACCTGCACAGTTCCTCTATCGCATTGATCAG
 CCCAAAGAGACCCATGCCTTTGGGAGAGATTAAGCAGCTGTGTAATGGTTAGCTAAGGTTAAGTTACTA
 ACCCAGCAGCTGATAGTAATCAAAAATACAGTAGAGGACCAGAGAGGGGCGGGGGGGGGGGGCGGGGAGA
 AAGAGAGGAAGAGGAAGAGAGAGAGAGAGAGAGAGGCAATCCCTAGCAAGCAGCCAAGGCCCTACCTTAA
 TCCCCAGCACAGCTAATAAAATTAATCACTACACAAACTATTTTTATGGCATTGAAATGCAAGGATG
 TGGACACATGACTCATATTACCATATATTTAACATCTTCATGTGAGGGGAGCGTATTGGGAACATAG
 ATAGCTAATTGAGATGCTCACTTAGTAACCAATCTTCTGTCTTTATAGCCAGCAAAGTCTACCTTCT
 CTTCATACCACAGATATGAATATGGACAGGGACCTTCCATTATTCTGCTATCTAGGAATAACTTACATT
 TGGGTGGCATTACTAAATTTTTCAAGTTCATCTACAAGGGCTAAGGGAGTATTAGACACAACAGTGTGG
 GATCTTTGCACTGAGTTTTAAAAGCCCACTGTGGAATCAGTGCCTACGTTCTCAGCACTCAGGACTAC
 CCACACTCAGAAGTCTGCAGTTGCCTTCCACAGATGTTAGTAGCATTGATGAGCCAGGCTCCGCCTGAAT
 TAGGTCTCTACCAACAGTTTGTACCTTCGTAATACTGTTTGAAGATAAGAAAGAAAAGAAACAGCAAC
 AAAACACAACACCTAACATGGCCACTCCCACATCATGAGATATAAACTACCCTCTATTATGTGGTGTCT
 TAAAGAGACACTTTTGTGCCCTTTCTTTGGCTATATAGACTGTTGAGACAGTGAACCACAAGAAATGGA
 ATCCCTCAGGAATTTTCATGGCAGGAGAAGGAAAAGGCTGAAGCCTGGTGCCAGCCAGAGGAGGAACCTG
 TCTTCTGGAAGATGTCACGTACCTCTCAGGACAACAGGAACCCAGACAACAGTGGTGGGAGGACCAC
 AGCTTGATCTGCTTAGTTAGGTATACCTCGTGCCTTCTATTTAAACCTGAACCTCATGCCAGGACCAGC
 ATGAATCTGCAGGATGGTGGGGAGGGGTGGGAATCCAGAGACCTGTTTATTCTCTTCCCAAAGTGAC
 TACATTCAAGGAATCTTTTTGTGCTTTTCAAAGGATATTACACTATTACTGAGCGCTGATGGCTAGCATA
 TGGTGATGATGGTTAGAAAACCTCTTGCTGTTCTGTGTCATAGAACCTGTGATGATCATTAGCCAGAAAT
 CACTTTCCAACCTTCCCAATGGCAATAAGATGTGGGTCTAGGAACTCTTTAGAATAAGCCCTAAACGT
 TTTCTGATTCTTACTTTGTAATGCACATGTCTGTATTATTTTTAATAATAGTGTATTTTTAATTTAA
 CATGATTTTTGAGGTGAAACTGAATAAAATCACTTAATACTGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133732

Insert Size: 948 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: [BC016078](#), [AAH16078](#)

RefSeq Size: 2577 bp

RefSeq ORF: 948 bp

Locus ID: 70984

UniProt ID: [Q91V76](#)

Cytogenetics: 9 A2

Gene Summary: Exhibits ester hydrolase activity on the substrate p-nitrophenyl acetate.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) has a different 5' UTR segment, compared to variant 1. Variants 1, 2, and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.