

Product datasheet for **MC200879**

Crot (NM_023733) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Crot (NM_023733) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Crot |
| Synonyms: | 1200003H03Rik |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC012308 sequence for NM_023733
 GCCTCAGGACAGCCCAGAGCCTGCAGGCCGACGCAGAGGGACAAGAGGGGCGCGGGAGTCACCAGGCTTG
 GCCAGTTCCGGTTCCCTGTGGTTTCCTTCCGAATTGTTCAAGCAGGCTCCTGGAGGTCCTGAGCACTTC
 TTCGTGGTTTACTGTTCTTACTGTGACTTTATCATGGAAAAACAATTGACTAAATCAGTTGAAGAACG
 GACATTTAGTACCAGGACTCTCTCCGTCATTGCCTGTTCTGCACTTGAAGAATCATTAAAAAATAC
 CTTGAATCAGTGAACCATTTCGCAATGAAGACGAGTATAAGAAAACTGAAGAAATAGTTCAAAGTTTC
 AAGAAGGAGCTGGCAAAGATTGCATCAGAAGTTACTTAAAGGGCTAGAGGAAAAACGAACTGGCTGGA
 AGAATGGTGGCTCAATGTTGCCTACCTGGACGTACGTATTCCATCACAACTGAATGTGAACTTTGTGGT
 CCGTGTCTCATTGAGCACTACTGGCCTGCAAGGGAAGGCACTCAGTTAGAAAAGGAAGCATGATGC
 TGTGGCACAACCTGAACTACTGGCAGCTGCTAAGAAGAGAAAAATTGCCTGTACATAAATCTGGAATAC
 TCCTCTAGACATGAACCAATTCGAATGTTGTTTTCTACCTGCAAGGTTCCAGGAATTACTAGAGATTCCG
 ATTATGAATTATTTAAGACTGAGAGTGAAGGGCATTGTCCAACCCACATTGCCGTGCTGTGTCGAGGCA
 GAGCGTTTGTCTTTGATGTACTACATGAGGGATGTTTGTACCCACCAGAACTTCTCAGACAATTGAC
 ATATATCCACAAGAAGTCTCGAACGAACCTGTTGGACCCAGTATAGCGGCATTAAGTACGAGGAGCGA
 ACTCGGTGGGCAAAGGCAAGAGAATATCTGATTAGTCTTGTATCCAGAGAAGTACTTTATTAGAAAAAA
 TTCAAACCAAGTTATTTGTGATTCCATAGAAGATAGCAGTCCACATGCAACCCAGAAAGATATTTCTCA
 GGTCTTTGAAATGCTTCTTGGTGGAGATCCATCAGTACGCTGGGGTGACAAGTCCTATAATTTGATTTC
 TTTGCTAATGGAATATTTGGCTGTTGCTGTGATCATGCTCCTTACGATGCAATGGTCATGGTGAACATTG
 CACATTATGTTGATGAGAGAGTCTAGAGACAGAAGGAAGATGGAAGGGTTCAGAAAAAGTCCGGGACAT
 ACCATTGCCAGAGGAGCTGGTCTTCACTGTGGATGAGAAAAACTGAATGATGTATCCCAAGCCAAAGCC
 CAACATCTCAAAGCTGCGTCAGATCTGCAGATAGCAGCATCTACCTTACATCTTTTGGCAAAAAGCTCA
 CCAAGGAGGAAGCCCTTACCCTGATACCTTTATTAGCTCGCTCTTCACTTGCCTACTACAGACTTCA
 TGGACGCCCTGGTTGCTGCTATGAGACAGCTATGACAAGATACTTTTACCACGGCCGAAGCAGAGACTGTG
 CGATCTTGTGCAGTGGAGGCCGTAGGTTGCCAGTCCATGCAGGATCCCTCTGCTAGTCTCCTTGAAC
 GTCAGCAAAAAGATGCTAGAAGCTTTTGGCAAGCATAATAAGATGATGAAAGATTGTTACATGGAAGAAG
 ATTTGACCGTCACCTTTTAGGTCTTTGCTCATAGCAAAAAGGAAGGTCTCCCTGTTCCAGAACTATTT
 GAGGACCCACTTTTCTCCAGAAGTGGAGGAGGTGGAAATTTTGTGCTCTCAACAAGTTTGGTTGGTTACT
 TACGAGTTCAGGGTGTGTTGTTCCCATGGTACACAATGGATATGGATTTTCTACCACATCAGAGATGA
 CAGGTTTGTGGTGGCATGTTTATCCTGGAGGTGATGTCGGGAGACTGATGCTGAAAAGCTTGTTCAGATG
 ATTTTTCATGCTTTCCACGATATGATACAGCTGATGAACACCGCTCATCTTTAGAGACTCAGACAAATAC
 AGATCATAGAACTTGGTACGAAGAGTAGGATGGTGTGATGTGACATGGAAGGAATGTTGACTTAAAGGAAG
 CCTGTTAATGTAGGGTTAGGAGAGTGTGCTCTTAGAGTTATTCTACCTTAAAGTCTCCTGTGTTGCAA
 CCACAATGCAAAGTCAGATATAGTGAATAGAACTATGCAATGTTTAAAGCCTCAACAAGCAAAATCTATAT
 ATCTTAAACAATCTACTTAAACAAGCCTCAATCAAAGCAAATCCTACTCTGATGTTAAAATAGTTTGTG
 GCACATGTGTAGGCTGCAAGTCTCTGTGAACATGATTATAGAGTCTATTTCTCAAGCACTTTAATACTT
 TCTAATTGCCAGAGGGATAAAGCACACGGTTAGAAGCTAATTTCTCTGACATCAGTGCCTTCCACACCCA
 GCACAGGAGTACAGCCTGTGAGAGTTCATGGGAAAACCACTATTGTACAATAGTGATCTAAAATAGCTCC
 TTTGAGCAGGCAAAAAGGATCAAGTTGTATTAGAAATTTTACACTACCACAGAAAAGAATATTAGCAAAA
 CTCATTATGATATGTTGCAATTCATTTTGTGAATATAAAATTAAGCATTTCATTTGAACCTAATTGTT
 AGAGCTAGCAGCTTTTAAAGGGTTAAATGTTGAGTATGATTCTCAGAACTTACAATTATTTCCAGTGT
 TATTCATAATGGTGGCTTGAAGACGTTCCGTTCAAGGGTCTATTCAAAGTGGTTTATATTCTCAAAGAA
 TAAAGCATCCAGAATCTTACCAGTTTCAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023733
Insert Size: 1839 bp

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| 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: | <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: | BC012308 , AAH12308 |
| RefSeq Size: | 2844 bp |
| RefSeq ORF: | 1839 bp |
| Locus ID: | 74114 |
| UniProt ID: | Q9DC50 |
| Cytogenetics: | 5 A1 |
| Gene Summary: | Beta-oxidation of fatty acids. The highest activity concerns the C6 to C10 chain length substrate.[UniProtKB/Swiss-Prot Function] |