

Product datasheet for **MC220100**

Crtac1 (NM_145123) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crtac1 (NM_145123) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Crtac1
Synonyms:	2810454P21Rik; AW047536; Crtac1B; Lotus
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220100 representing NM_145123
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCCGAGCGCTGACCCGGGATGGTCAGGATGGCTTTGCTCCTGCTGCCGCCCTGTGGCTTCTGC
 CTCTCACTGGGGGATCCCAGAGGGCTGAGCCCATGTTCACTGCAGTCACCAACTCAGTCCTGCCCCCTGA
 CTATGACAGCAACCCACCCAGCTCAACTATGGAGTGGCAGTGACAGATGTGGACCATGATGGGGACTTC
 GAGATCGTTGTGGCGGGGTACACCGGCCCAACCTGGTTCTGAAGTACAATCGAGCCAGAATCGGGCTGG
 TGAATATTGCGGTGGACGAGCGCAGCTCACCTACTATGCTCTGAGGGACCGTCAGGGGAACGCCATCGG
 GGTACAGCCTGTGACATCGATGGGACGGCCGTGAGGAGATCTACTTTCTCAACACCAATAACGCCTTC
 TCAGGTGTGGCCACATACACAGACAAGTTGTTCAAATCCGAAATAACCGGTGGGAAGACATCCTGAGTG
 ATGACGTCAATGTGGCCCGTGGAGTGGCCAGCCTCTTTCGGGACGCTCCGTGGCCTGTGTAGACAGGAC
 GGGCTCTGGAAGATACTCTATCTACATAGCCAATATGCCTATGGTGATGTGGGGCTGATGCCCTCATC
 GAAATGGACCCTGAGGCCAGTGACCTGTCCCGGGGATCCTGGCACTCAGGGACGTGGCGCTGAGGCTG
 GGGTCAGCAAGTACACAGCGGGCCGGGGTGTACGCGTAGGCCCATTTCTCAGCAGCAGTGCCCTCAGATAT
 CTTCTGTGACAACGAGAACGGGCCAACTTCTCTTCCACAACCAAGGCAACGGTACCTTTGTGGATACT
 GCGGCCAGTGCCGGCGTAGACGACCCTCATCAGCATGGCCGAGGTGTGGCCCTGGCAGATTTCAACCGTG
 ACGGCAAAGTAGACATCGTCTATGGCAACTGGAACGGCCACATCGCCTCTATCTACAGATGAGTGCTCA
 CGGGAAGTCCGGTTTCGGGACATTGCTTCGCCAAGTTCTCCACGCCCTCCCTGTCCGGACTGTCATT
 GCTGCCGACTTTGACAAAGACCAGGAAGTGAAGTCTTCTCAACAACATTGCCTACAGAAGCTCCTCAG
 CCAATCGCCTCTCCGTGTCATCCGACGGGAGCACGGGGACCCTCATCGAGGAGCTCAATCCTGGTGA
 CGCCCTAGAGCCTGAGGGCCGGGTACAGGGGGGTAGTGACCCGACTTCGATGGTGATGGGATGCTGGAT
 CTCATCTTGTACATGGAGAGTCCATGGCTCAGCCACTGTCTGTCTTCCGGGAAATCAGGGCTTCAGCA
 ACAACTGGTTGCGTGTGGTACCTCGCACCCGGTTCGGGGCCTTTGCCAGGGGCGCAAGGTTGTAAGTCTA
 CACCAAGAAGAGTGGGGCGCACCTACGGATCATTGATGGGGGTTCCGGCTACCTGTGTGAAATGGAGCCT
 GTGGCACATTTTGGCCTGGGACGGGATGAAGCCAGCAGTGTGGAGGTGACGTGGCCAGATGGCAAGATGG
 TGAGCCGAAGTGTGGCCAGCGAGGAGATGAACTCGGTGTTGGAGATCCTTACCCCCAGGATGAGGACAA
 ACTTCAGAACACAGCCCCACTAGAGTGGGCCAAGGATTCTCCAGCAGGACAATGGCCATTGCATGGAC
 ACCAATGAATGCATCCAGTTCCTATTTGTGTGCCCTCGAGACAAACCCGTATGTGTCAACACCTATGGAA
 GCTACAGGTGCCGACCAATAAAAGATGCAATCGGGGCTATGAACCCAATGAAGACGGCACAGCCTGTGT
 GGCTCAAGTGGCCTTTTTAGGTGGTACTCATCGGCTGCCTTTAGACTCTCTGAGCCTCTCTCAGGCC
 TCGTATCTTTCTTAGGCCTGGGACTTTGCCTTCAGTTATATGCATTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_145123

Insert Size: 1941 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: [NM_145123.4](#), [NP_660105.3](#)

RefSeq Size: 2616 bp

RefSeq ORF: 1941 bp

Locus ID: 72832

UniProt ID: [Q8R555](#)

Cytogenetics: 19 C3