

Product datasheet for MR200322

Crct1 (NM_028798) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Crct1 (NM_028798) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Crct1
Synonyms: 2300002G24Rik; AA589624; Nice-1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200322 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTCAACAGGGCGCCAAAGGCTTTTCAAAGGGTCTTCCAGAGTCCGCCCCCTGCCCGCCCGCA
 CTCCTGCCCGCGTCTCCTCCTCTTGTGTGGCGGAGGCTGCTGCAGGGGCTGCGGGGGCGGCTG
 CGGTGGTACTCTGGCTGCTGCGGCTCCAGTCCACCGGCTGCTGCTTTCCAGGAGACGCCCGCA
 CAGCGCTCTGGCGGCTGCGGCTGCTGCTGCGGAGGAAGCCAAAGGTCTCAACGCTCTGCAACAATCAGA
 GTTCAGGCTGCTCCGGTGGCTGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200322 protein sequence
 Red=Cloning site Green=Tags(s)
 MSQQGAKGF SKGSSQSSAPCPAPTPAPASSSSCCGGCCRGCGGGCGDSSGCCSSSTGCCCFPRRRRR
 QRSGGCGCCCGGSQRSQRSCNNQSSGCCSGGC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_028798

ORF Size: 309 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

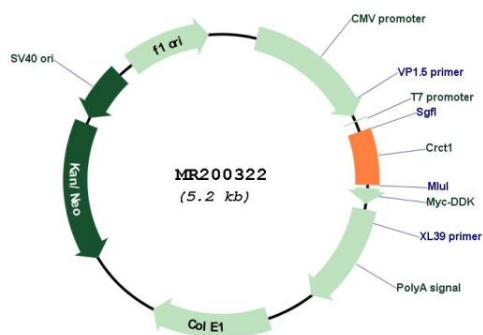
RefSeq: [NM_028798.3](#)

RefSeq Size: 717 bp

RefSeq ORF: 309 bp

Locus ID: 74175
 Cytogenetics: 3 F1
 MW: 9.8 kDa

Product images:



Circular map for MR200322