

Product datasheet for MR216276

Card19 (NM_026738) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Card19 (NM_026738) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Card19
Synonyms: 1110007C09Rik; AI851695; Bincard
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216276 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAGATCAGACCTACTGTGACCGGCTGGTACAGGACACTCCTTTCCTGACGGGACAGGGTCGCCTGA
 GCGAGCAACAAGTGGACAGGATCATCCTCCAGCTGAACCGTTACTACCCACAGATCCTTACCAACAAGGA
 GGCTGAAAAGTCCGGAACCCCAAGGCATCCCTGCGCGTACGGCTCTGTGACCTCCTGAGCCATCTACAG
 CAGCGTGGGGAACGGCACTGTCAGGAATTTACCGAGCTCTGTACATCCATGCCAGCCCTGCACAGCC
 ACCTGCCAGCCGCTACTCTCCTCAAACCTCAGATTGCAGAGAGCTGGACTGGGGCATCGAGAGCCGTGA
 GCTGAGTGACAGGGGACCCATGAGCTTCTGCGAGGCCTGGGCCTGGCAGCGGGCCTGGCCCTCCTCCTC
 TACTGCTGCCCTCCAGACCCCAAGTGCTGCCCGAACC CGCGCGTCTTGCCTTCTCACCTGTATCA
 TTGACCGCATGTGAGCCGCTACCTGCTGGCTTTCCTGGCAGATGACCTCGGAGGACTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR216276 protein sequence
 Red=Cloning site Green=Tags(s)

MTDQTYCDRLVQDTPFLTGQGRLEQQVDRIILQLNRYYPQILTNKEAEKFRNPKASLRVRLCDLLSHLQ
 QRGERHCQEFYRALYIHAQPLHSHLPSRYSPQNSDCRELDWGIESRELSDRGPMFLAGLGLAAGLALLL
 YCCPPDPKVLPGTRRVLAFSPVIIDRHVSRYLLAFLADDLGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_026738

ORF Size: 552 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_026738.2](#), [NP_081014.1](#)

RefSeq Size: 804 bp

RefSeq ORF: 552 bp

Locus ID: 68480

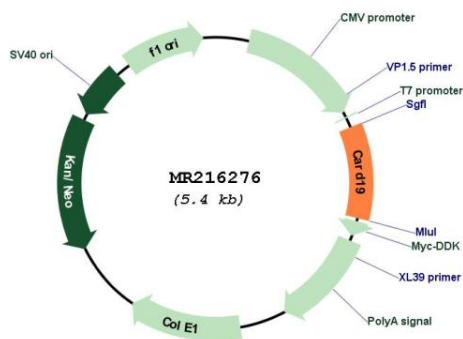
UniProt ID: [Q9D112](#)

Cytogenetics: 13 A5

MW: 20.9 kDa

Gene Summary: Plays a role in inhibiting the effects of BCL10-induced activation of NF-kappa-B.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216276