

Product datasheet for MR200500

Nr2c2ap (NM_001025586) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nr2c2ap (NM_001025586) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nr2c2ap
Synonyms: 2310073E15Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200500 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACTCAGTCTTTGGTTTGTCCGGACTGTGAGCAGGGTCAGTTCTGTGCTCAATCGCAACAGCCGGC
 AATTTGGAAGAAACATCTTTTTGACCAGGATGAAGAGACGTGCTGAACTCTGACCAGGGCCCTCCCA
 GTGGGTGCTACTCGAGTTTCCCCAGTGTGTTCAGATCACACAGCTGCAGGTGCAGTTCAGGGTGGCTTC
 TCCAGTCGCCACAGCTGCCTGGAAGTTACGGGGTGGGAGGCACTCAGCAAGATTGTAGATTTCTACC
 CTGAGGACACCAATGCCCTTCAGCTTCTCCATCCCACAATGGAGGTGGACCGACTGAAGTTGACTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200500 protein sequence
 Red=Cloning site Green=Tags(s)

MTQSLVCPDVTSRVSSVLNRNSRQFGKKHLFDQDEETCWNSDQGPSQWVSLEFPQCVQITQLQVQFQGGF
 SSRHSCLEGSRGGEALSKIYDFYPEDTNALQLLHPHNGGGPTEVDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_001025586

ORF Size: 351 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.

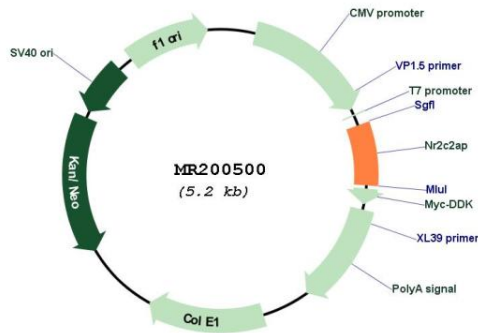
RefSeq Size: 1202 bp

RefSeq ORF: 423 bp

Locus ID: 75692

UniProt ID: [Q3TV70](#)
 Cytogenetics: 8 B3.3
 MW: 12.9 kDa
 Gene Summary: May act as a repressor of NR2C2-mediated transactivation by suppressing the binding between NR2C2/TR4 and the TR4-response element in target genes.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200500