

## Product datasheet for **MR220618**

### Coro6 (NM\_139128) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coro6 (NM_139128) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Coro6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>MR220618 representing NM\_139128  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCCGGCGTGTGTTCGGCAGAGCAAGTTCGCCACGTGTTGGTCAGGCAGCAAAGGCTGACCAGG  
 CCTATGAGGACATCCGGGTATCCAAGGTACATGGGACAGCGCCTTCTGTGCCGTCAACCCCAAATTTCT  
 AGCCATTATTGTGGAGGCTGGAGGTGGAGTGCCTTCATTGTCCTGCCTCTGGCCAAGACAGGACGAGTG  
 GATAAGAACTACCCACTGGTCACTGGGCACACTGGCCCTGTGCTGGACATTGACTGGTGCCACACAATG  
 ACAACGTCATCGCCAGTGCCTCAGATGACACCACAGTCATGGTGTGGCAGATTCCAGACTACACCCCTGT  
 AAGAAACATCACAGAACCTGTCATCACACTCGAGGGCCACTCCAAGCGTGTGGGCATCCTGTCTTGGCAT  
 CCTACTGCCAGGAATGCCTGCTCAGTGCAGGGGGTATAATGTGATCATCATCTGGAATGTGGGCACTG  
 GGGAGGTACTGCTGAGCCTGGACGACATACACCCTGACGTCATCCACAGCGTGTGTTGGAACAGCAATGG  
 TAGCCTGTAGCCACCACCTGCAAGGACAAGACCTTGCGCATATTGACCCCGGAAGAGTCAAGTGTT  
 GCGGAGCGAGCCCGCCCTCACGAGGGCGCCCGCCACTGCGGGCCGTCTTACCCGAGACGGGAAGCTGC  
 TCAGCACCGGCTTCAGCAGGATGAGTGAGCGGCAACTCGCACTCTGGGACCCGAACAATTTCAAGAGCC  
 AGTGGCCCTGCAGGAGATGGACACAAGCAACGGAGTGTACTACCATTCTACGATCCTGACTCCAGCATC  
 GTCTACTTGTGTGGCAAGGGTGACAGTAGCATTCCGGTACTTTGAAATTACGGAAGAACCCTTTTCGTGC  
 ATTATCTGAACACATTTAGCAGCAAAGAACCGCAACGGGGTATGGGTTTCATGCCAAGCGGGGACTGGA  
 TGTCAGCAAATGTGAAATCGCCAGGTTCTACAAGTGCACGAACGAAAGTGTGAACCCATCATGACT  
 GTACCCGGAAGTGCAGACCTGTTCCAGGATGACCTATACCCAGACACGCTGGCCCTGAGCCTGCCCTGG  
 AAGCTGATGAGTGGCTATCAGGTCAGGATGCAGAACCTGTGCTCATTTCGCTGAAGGAAGGCTACGTTCC  
 CCCAAACACCGTGAGCTTCGGGTACCAACGCAACATCCTAGATGTGCGCCCGCCGCGCCAGTCCCTCGG  
 CGCAGCCAGTCCGCCAGCGAGGCCCTTGTGCGAGCACACCCTGGAGACATTGCTGGAGGAGATAAAGG  
 CCCTCCGAGATCGAGTGCAGGCCAAGAGGAGCGCATCACTGCGTTGAAAAACATGCTCTGTGAGCTGGT  
 GGACGGCACAGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR220618 representing NM\_139128  
 Red=Cloning site Green=Tags(s)

MSRRVVRQSKFRHVFGQAAKADQAYEDIRVSKVTWDSAFCAVNPFLAIIVEAGGGGAFIVLPLAKTGRV  
 DKNYPLVTGHTGPVLDIDWCPHNDNVIASASDDTTVMVWQIPDYTPVRNITEPVITLEGHSKRVGILSWH  
 PTARNVLLSAGDNIWIIWNVGTGEVLLSLDDIHPDVIHNSVCWNSNGSLLATTCKDKTLRIDPRKSQVV  
 AERARPHEGARPLRAVFTADGKLLSTGFSRMSERQLALWDPNNFEFPVALQEMDTSNGVLLPFYDPDSSI  
 VYLCGKGDSSIRYFEITEPPFVHYLNTFSSKEPQRGMGFMKRLDVSKEIARFYKLERKCEPIIMT  
 VPRKSDLFQDDLYPDTPGPEPALEADWLSGQDAEPVLSLKEGYVPPKHRELVRVTKRNILDVRRPPASPR  
 RSQSASEAPLSQHTLETLLLEEIKALRDRVQAQEERITALENMLCELVDGTD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

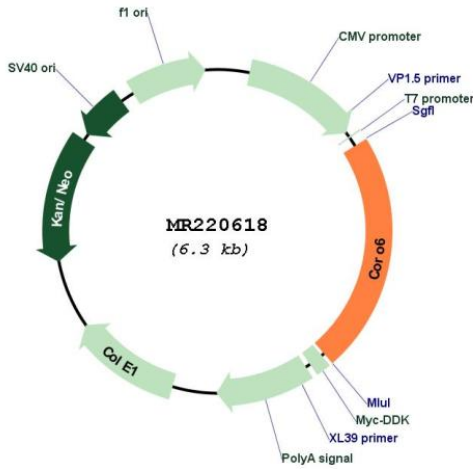
Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM\_139128  
 ORF Size: 1413 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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\\_139128.2](#)

**RefSeq Size:** 1416 bp

**RefSeq ORF:** 1416 bp

**Locus ID:** 216961

**UniProt ID:** [Q920M5](#)

**Cytogenetics:** 11 B5

**MW:** 53 kDa