

## Product datasheet for **MR217726**

### Coro2a (NM\_001164804) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coro2a (NM_001164804) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Coro2a
Synonyms:	9030208C03Rik; AI563590; IR10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR217726 representing NM\_001164804  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCATGGCACCCCAAGTACCGCAGCTCCAAGTTCGGTTCATGTCTACGGCAAGCCGCCAGCAAAGAGA  
 ACTGCTACGACTCTGTGCCATCACACGACGCTCCACGACAACCACTTCTGTGCCGTGAACCCCACTT  
 CATCGCTGTGGTCACTGAATGTGCCGGCGGGGCGCCTTCTTGTTCATCCCCCTGCACCAGACGGGAAAG  
 TTGGACCCTCACTACCCCAAAGTCTGTGGGCACAGAGGGAACGTCTTGGACATCAAATGGAATCCTTTCA  
 ATGACTTTGAGATTGCCTCCTGTCTGAAGATGCCACGATTAAGATCTGGAACATCCCAAGCAACTGTT  
 GACAAGGAACCTCACAACCTACAGGAAGGAGCTGATCGGCCATGCTCGCAGGGTGGGGCTGGTGGAGTGG  
 CACCCCAACTGCCAACATTCTTTCAGTGTGGCTATGACTACAAGGTGATGGTGTGGAACCTGGACA  
 CAAAGGATTCTGTATTGCTGGCCAGTGAAGACAATCAACTGTCACCAAGATGTGATCCTCCTCATGTC  
 CTTTAACACCAACGGCAGCTGTGGCCACCACCTGTAAGGACCGCAAGATTCGGATTGTTGACCCCGA  
 CTAGGGATTGTCTCCAGGAAGCCAGCTACAAGGGGCACCGCCAAACAAGTACTGTTCCCTGGGGAGCC  
 TCAAGAAGCTGCTATCCACGGGTACCTCCCGCTGGAACAACCGGCAGATGGCCCTGTGGGACCAGGAAAA  
 CCTTTCTGTGCCCTTACAGAGGAAGACCTGGATGGCTCTTCTGGTGTGCTGTTCCCTTCTTTGACTCG  
 GACACCAGCATGCTGTACATTGTGGGAAGGGAGACGGGAACATCCGCTACTATGAGGTAAGCATGGAGA  
 AACCTCACCTGACCTACCTGACCAGTACCGCTCTACAACCCACAGAAGGGGATCGGTATCATGCCAAA  
 GAGAGGTCTCGATGTGTCTTCTGCGAGATCTCCGCTTCTATAAACTGATCACAACCAAAGCCTCATC  
 GAGCCAGTGTCCATGATTGTACCCGAAGGTGAGAATCTACCAAGAGGACATCTACCCGCCACCGCAG  
 CGGCCACGCCCTCCCTGACGGCTCATGAGTGGCTCAGCGGGATGAACAGAGGGCCTATCATGATGCCCT  
 TAGACCCGGCTCCGAGCTGTGGACTCCAGACACTGCCTCCAGAGAGACCCCTCTCCAATTCTATGGTC  
 CAAGTTTCACCTCAGCCCTAGAACCCATGAAACAGCCGCGCAAGACGGTGACCAGGCGCCCTTCTCTC  
 TACTGGAAGAGAAGCTAGCAAAGTGGACCCAGAGCATCATCTGGGAGAGAAGTCTGCCTCACTAATGG  
 CTTTGTGTTTTGAATGCTCCCAACAAAGACAGAAAATGAGCTGCTGCAGATGTTCTACCGGCAACAG  
 GAGGAGATCCGGAGGCTCCGGGAGCTGTTAATCCAGAGAGAAGTCCAGACCAAGCAGCTGGAAGTAGAGA  
 TCAAAAACCTGCGGATGGCCTTAGGACAGCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR217726 representing NM\_001164804  
 Red=Cloning site Green=Tags(s)

MSWHPQYRSSKFRHVGKPAKENCYDVPITRSVHDNHFCAVNPFIHAVVTECAGGGAFLVIPLHQTKG  
 LDPHYPKVCGHRGNVLDIKWPNFDFEIASCEDATIKIWNIPKQLLTRNLTTYRKEIGHARRVGLVEW  
 HPTTANILFSAGYDYKVMVWNLDTKDSVIAGPVKTINCHQDVILSMSFNTNGSLLATTCKDRKIRIVDPR  
 LGIVLQEAASYKGRANKVFLGSLKLLSTGTSRWNRMALWDQENLSVPLTEEDLDGSSGVLFPFFDS  
 DTSMLYIVGKGDGNIRYYEVSMEKPHLTYL TEYRSYNPQKIGIMPKRGLDVSSCEIFRFYKLITTKSLI  
 EPVSMIVPRRSESYQEDIYPPTAAAQPSLTAHEWL SGMNRGPIIMSLRPGSELLDSQTLPPERPLSNSMV  
 QVSPQPLEPMKQPAEDGDQAPFSLLEEKLAKWTAEHHLGEKSCLTNGFDVFECSPPKTENELLQMFYRQQ  
 EEIRRLRELLIQREVQTKQLELEIKNLRMALGQL

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_001164804

ORF Size: 1572 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\\_001164804.1](#), [NP\\_001158276.1](#)

RefSeq Size: 3887 bp

RefSeq ORF: 1575 bp

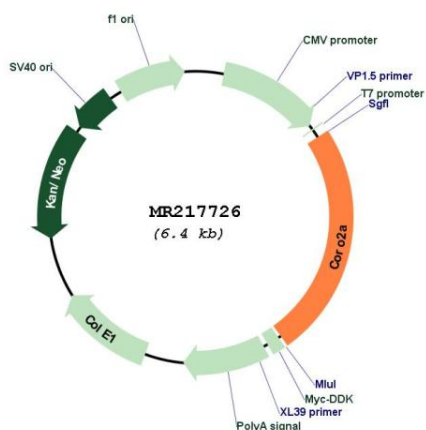
Locus ID: 107684

UniProt ID: [Q8C0P5](#)

Cytogenetics: 4 B1

MW: 60 kDa

**Product images:**



Circular map for MR217726