

Product datasheet for **RN204645**

Coro2a (NM_001012101) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro2a (NM_001012101) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Coro2a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204645 representing NM_001012101
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGAATGGCAACAGCAAACCTCCGGCCAGCCACCTCTGCTCAAACCAAATCAGATGTCATGGCACC
 CCCAGTACCGCAGCTCCAAGTCCGACACGTCTACGGCAAGCCTGCCAGCAAGGAGAATTGCTACGACTC
 TGTGCCCATCACACGCAGCGTCCACGACAACACTTCTGTGCTGTGAACCCCACTTCATCGCTGTGGTC
 ACTGAATGTGCCGGTGGGGGCGCCTTCTTGTGTCATCCCCTTGACCAGACGGGAAAGTTGGACCCTCACT
 ACCCCAAGGTCTGTGGGCACAGAGGGAACGTCTTGGACATCAAGTGAATCCTTTTCGATGACTTTGAGAT
 TGCCTCTGTTTCCAGGATGCCACGATTAAGATCTGGAACATCCCAAGCAGCTGCTGACCAGGAACCTC
 ACAACCTACAGGAAGGAGTTGATGGGTACGCACGCAGGGTGGGGCTGGTGGAGTGGACCCCAACTG
 CCAACATTTCTTTCAGTGTGGCTATGATTACAAGGTGATGGTGTGGAACCTGGACACAAAGGACTCTGT
 AATTTCTGGGCCGGTGGGACAATCAACTGTCACCAAGATGTGATCCTCTCCATGTCCTTCAACACCAAC
 GGACGCTGCTGGCCACCACCTGTAAGGACCGCAAGATTCGGATTGTTGACCCCGACTAGGGATTGTCC
 TCCAGGAAGCCAGCTACAAGGGGCATCGGGCCAACAAAGTACTGTTCTGGGGAACCTCAAGAAGCTGCT
 ATCCACGGGTACGTCCCCTGGAACAACCGGCAGATGGCCCTGTGGGACCAGGACAACCTTTCTGTGCC
 CTCACAGAGGAGGATTTGGATGGCTCCTCTGGTGTGCTATTTCCCTTCTTCGACTCGGACACCAGCATGC
 TGTACATTTGTGGGAAGGGAGACGGGAACATCCGCTACTATGAGGTGAGCACTGAGAAGCCTCACCTGAC
 CTACCTGACTGAGTACCGCTCCTACAACCCACAGAAGGGGATCGGTATCATGCCAAGAGAGGTCTCGAT
 GTGCTTCTCCTGCGAGATCTTCCGCTTCTACAACTGATCACAACCAAAAGCCTCATCGAGCCGGTGTCCA
 TGATTGTACCCCGGAGGTCAGAATCCTACCAAGAGGACATCTACCCACCCACCGCAGCTGCCAGCCCTC
 CCTGACGGCCACGAGTGGCTCAGCGGAATGAACAGAGGGCCTATCATGATGTCCCTTAGACCCGGCTCC
 GAGCTGCTGGATCCTCAGGCACTGCCTCCGGAGAGACTCCTCTCAATTCTGTGGTCCAAGTTTCACTC
 AGCCCTTAGAACCCGTGAAACAGCCGGCCGAAGATGGTGACCAGGCACCTTCTCTCTATTGGAAGAGAA
 GGTAAACGAAGTGGACCACGGAGCATCAGCTGGAGGAGAAGTCTGGCTCACCAACGGCTTTGACATTTTC
 GAATGCCCGCCACCAAGACAGAAAATGAGCTGCTGCAGATGTTTTACCGGCAACAGGAGGAGATCCGGA
 GGCTCCGGGAGCTGTTAATCCAGAGAGAGGTCCAGACCAAGCAGCTGGAAGTGGAGATCAAAAACCTGCG
 GATGGTCTTAGGACAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012101

Insert Size: 1632 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001012101.2](#), [NP_001012101.2](#)

RefSeq Size: 2072 bp

RefSeq ORF: 1632 bp

Locus ID: 313235

Cytogenetics: 5q22