

Product datasheet for **RN202215**

Coro1a (NM_130411) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro1a (NM_130411) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Coro1a
Synonyms:	MGC93041
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202215 representing NM_130411
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGCCGGCAGGTGGTTCGCTCCAGCAAATTCGCCACGTGTTTGGACAGCCAGCCAAAGCTGACCAGT
 GCTATGAGGATGTGCGCTCTCACAACCACTTGGGACAGTGGCTTCTGCGCTGTCAACCCCAAGTTCAT
 GGCTCTGATCTGTGAGGCCAGTGGGGAGGGCCCTTCCTGGTGCTACCCCTAGGCAAGACTGGACGAGTA
 GACAAGATGTGCCCCTGGTGTGCGGCCACACTGCCCTGTGCTAGACATCGCCTGGTGTCCACACAATG
 ACAACGTCATTGCCAGTGGCTCTGAGGACTGCACAGTTATGGTGTGGGAGATCCCGGATGGGGCCCTGGT
 GCTGCCCTTGGGGAGCCTGTTGTACCTTGGAGGGCCACCAAGCGGTTGGCATCGTGGCCTGGCAC
 CCCACAGCCCAGAATGTACTGCTCAGCGCAGGTTGTGACAATGTATCCTGGTGTGGGATGTGGGCACTG
 GGGCAGCCGTGTGACGCTGGGCCCGGATGTGCACCCGGACACAATCTACAGTGTGGATTGGAGCCGGGA
 TGGTGCTCTCATCTGTACCTCCTGCCGTGACAAGCGTGTCGCGTCATCGAGCCTCGAAAGGCACTGTT
 GTGGCTGAGAAGGAGCGTCTCATGAGGGAACCGGCCAGTGCATGCTGTGTTTGTGTGACAAGGGAAGA
 TTCTAACCACGGGGTTCAGTCGCATGAGTGAGCGGCAGGTGGCGCTGTGGGACACAAAGCACCTGGAGGA
 GCCACTGTCCCTGCAGGAGCTGGACACAAGCAGTGGAGTCCCTGCTACCTTTTTTACCCTGATACCAAC
 ATCGTCTACCTCTGTGGCAAGGGTGACAGCTCTATCCGGTATTTTGAGATCACGCTCTGAGGCTCCGTTCC
 TGCATTATCTTTCCATGTTCAAGGAGTCTCAAGTGGTATGGGCTACATGCCCAACAGTGGCCT
 GGAAGTGAATAAGTGCAGATTGCCAGATTCTATAAGCTTCATGAGCGGAAATGTGAGCCTATTGCCATG
 ACAGTGCCTAGAAAGTCGACCTGTTCCAGGAGGACCTGTATCCACCCACTGCCGAGCCGACCCGCCCC
 TCACAGCTGAGGAGTGGCTGAGCGGTCGTGATGCTGGCCCCCTCCTCATTTCCCTCAAGGATGGCTACGT
 GCCCCCAAAGAGCAGGGAGCTGAGAGTCAACAGGGCCCTGGACAGTGTGCGCAGAAGAGCTACACCGGAG
 CCCAGTAGCACTCTAGCTCGGACACCGTGTACGGCTGGAGGAGATGTGAGGAATCTCAACGCCATAG
 TGCAAAAGCTTCAAGAGCGCCTGGACAGGCTGGAGGAGACTGTTCAAGCCAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_130411
- Insert Size:** 1386 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_130411.2](#), [NP_569095.1](#)

RefSeq Size: 1618 bp

RefSeq ORF: 1386 bp

Locus ID: 155151

UniProt ID: [Q91ZN1](#)

Cytogenetics: 1q36

Gene Summary: actin binding protein; human homolog may be a component of the cytoskeleton and may be involved in mitosis [RGD, Feb 2006]