

Product datasheet for **MC216654**

Coro1b (NM_011778) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro1b (NM_011778) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Coro1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216654 representing NM_011778
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCTTCCGAAAAGTTGTGCGGCAGAGCAAATTCGGCATGTATTCGGTCAGCCGGTCAAGAATGACC
AGTGCTATGAGGACATTCGAGTGTCCCGAGTTACCTGGGACAGCACCTTCTGCGCAGTCAACCCCAAGTT
CCTGGCAGTGATTGTGGAAGCCAGTGGTGGAGGCGCCTTTATGGTGCTTCTCTAAACAAGACGGGCGC
ATTGACAAGGCCTACCCGACAGTGTGTGGGCACACGGGGCCTGTTCTGGATATTGACTGGTGTCCCCACA
ATGATGAAGTCATTGCCAGTGGATCAGAGGACTGCACTGTGATGGTATGGCAGATTCCAGAAAATGGGCT
GACCTCCCCTCTGACAGAGCCAGTAGTGGTGTGAGGGGCATACCAAGCGCGTGGGCATTATCACCTGG
CACCCACAGCCCGAAAATGTGCTTCTCAGTGCAGGTTGTGACAATGTGGTACTTATCTGGAATGTGGGCA
CTGCAGAGGAGCTGTACCGTCTGGACAGCTTGACCCCGACCTCATCTACAACGTGAGCTGGAACCACAA
TGCCAGCCTCTTTTGTCTCAGCTTGAAGGACAAGAGCGTCCGAATCATCGATCCTAGCGGGGCACCTG
GTGGCAGAACGTGAAAAGGCTCACGAGGGGGCCCGGCCATGCGGGCCATCTTTCTAGCTGACGGGAAGG
TGTTACCCACAGGTTTCAGCCGCATGAGTGAACGGCAGCTGGCGCTCTGGGACCCAGAAAACCTTGAGGA
GCCCATGGCCCTGCAGGAGCTGGATTCAAGCAATGGGGCTCTACTGCCCTTTTATGACCCAGACACCAGT
GTGGTCTATGTCTGTGGCAAGGGCGATTCCAGCATCCGGTACTTTGAGATCACAGATGAGCCCCCTACA
TCCACTTCTGAATACATTTACCAGCAAAGAACCCAGAGGGGTATGGGCAGCATGCCTAAGAGGGGCTT
GGAGGTCAGCAAGTGTGAAATGGCAGGTTCTACAAATGCATGAACGCAAGTGTGAGCCCATAGTCATG
ACTGTGCCAAGAAAGTCTGACCTCTCCAGGATGATCTGTACCCTGACACAGCCGGGCTGAGGCTGCTC
TTGAAGCAGAGGATTGGGTGAGCGGTGAGGATGCTAATCCAATCCTCATCTCACTACGGGAAGCCTATGT
GCCCAGTAAACAACGGGACCTGAAGGTGACGGCGCAACGTGCTATCAGACAGCAGGCCTGCCAGTTAC
AGCCGCTCCGGAGCCTCCACAGCTACTGCAATGATGATGTCAGGCAACCTTGTGGGGCTGGTG
AAGCTGGGAAGCTGGAAGAGGTGATGCAGGAGCTCCGGGCACTCCGGATGCTGGTCAAGGAGCAGGGAGA
ACGTATCAGCCGCTGGAGGAGCAGCTGGGCCGATGGAGAATGGGGATACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011778

Insert Size: 1455 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:	<u>NM_011778.2, NP_035908.1</u>
RefSeq Size:	1860 bp
RefSeq ORF:	1455 bp
Locus ID:	23789
UniProt ID:	<u>Q9WUM3</u>
Cytogenetics:	19 3.85 cM
Gene Summary:	Regulates leading edge dynamics and cell motility in fibroblasts. May be involved in cytokinesis and signal transduction (By similarity).[UniProtKB/Swiss-Prot Function]