

Product datasheet for **RR209532**

Coro1b (NM_019222) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coro1b (NM_019222) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Coro1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR209532 representing NM_019222
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTCCGAAAAGTTGTGCGGCAGAGCAAATTCGGCATGTATTTGGTCAGCCAGTCAAGAATGACC
 AGTGCTATGAGGACATTCGAGTCTCCCGAGTTACTGGGACAGTACCTTCTGCGCAGTCAACCCCAAGTT
 CCTGGCAGTGATTGTGGAAGCCAGTGGTGGGGTGCCTTTATGGTGTCCCTCTAAACAAGACAGGCCGC
 ATTGACAAGGCCTACCCAACAGTATGTGGGCACACAGGACCTGTTCTGGATATTGACTGGTGCCCCACA
 ATGACGAAGTCATTGCCAGTGGATCAGAGGACTGCACTGTGATGGTGTGGCAGATTCCAGAGAATGGGCT
 GACCTCCCCTCTGACAGAGCCAGTAGTGGTGTGAGGGGCATACCAAGCGTGTGGGCATCATCACCTGG
 CACCCACAGCCGAAATGTGCTTCTCAGTGCAGGTTGTGACAATGTGGTCTTATCTGGAATGTGGCA
 CTGCAGAGGAGCTGTACCGCTAGACAGCTTGACCCTGACCTCATCTACAATGTGAGCTGGAACCACAA
 CGGCAGCCTCTTTGACAGCTTGAAGGACAAGAGTGTCCGAATCATCGATCCCAGGCGGGGCACCCTG
 GTGGCAGAACGGGAGAAGGCTCATGAGGGGGCTCGGCCATGCGGGCCATCTTTCTGGCTGATGGGAAGG
 TGTTACCCGCTGGTTTCAGCCGCATGAGTGAACGGCAACTGGCACTCTGGGACCCAGAAAACCTTTGAGGA
 GCCCATGGCCCTGCAGGAGCTGGATTCAAGCAATGGGGCTCTACTGCCTTCTATGACCCGGACACCAGT
 GTGGTCTACGTCTGTGGCAAGGGTGATTCCAGCATCCGGTACTTTGAGATCACAGATGAACCTCCCTACA
 TCCACTTTCTGAATACCTTTACCAGCAAAGAACCCAGAGGGGTATGGGCAGCATGCCTAAGAGGGGCTT
 GGAGGTCAGCAAGTGTGAAATGGCAGGTTCTACAAATGCATGAACGCAAGTGTGAGCCATAGTAATG
 ACTGTGCCAAGAAAGTCTGACCTCTTTCAGGATGATCTGTACCCTGACACAGCCGACCCGATGCTGCTC
 TTGAGGCAGAGGATTGGGTTAGTGGTCAGGATGCTGATCCAATCCTCATCTCACTACGGGAAGCCTATGT
 GCCCAGTAAACAACGGGACCTGAAGGTGACCGCGCAACGTGCTATCGGACAGCAAGCCTGCCGGTTAC
 AGCCGCTCCGGAGTCTCCACAGCTACTGCAATTAAGTACATTCCAGTGGCAACCTTGTGGGTCTGGTG
 AAGCTGGGAAGCTGGAAGAGGTGATGCACGGACTTCGGGCACTTCGGGTGCTGGTCAAGGAACAAGGGGA
 GCGTATCAGCCGCTGGAGGAGCATCTGGGCCGCATGGAGAATGGGGATACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR209532 representing NM_019222
 Red=Cloning site Green=Tags(s)

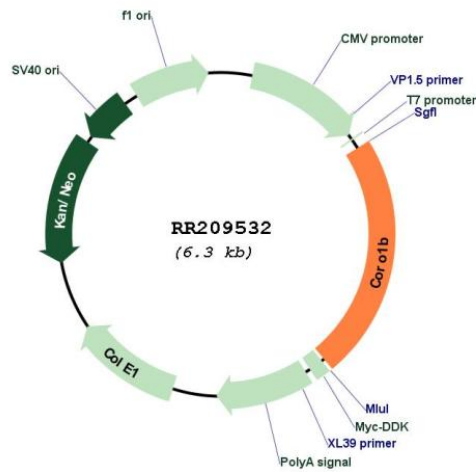
MSFRKVVQRQSKFRHVFQPVKNDQCYEDIRVSRVTWSTDFCAVNPFLAVIVEASGGGAFMVLPLNKTGR
 IDKAYPTVCGHTGPVLDIDWCPHNDEVIASGSEDCTVMVWQIPENGLTSPLTEPVVVLEGHTKRVGIITW
 HPTARNVLLSAGCDNVLLIWNVGTAEELYRLDSLHPDLIYNVSWNHNGSLFCTACKDKSVRIIDPRRGT
 VAEREKAHEGARPMRAIFLADGKVFTAGFSRMSEQLALWDPENFEEMALQELDSSNGALLPFYDPDTS
 VVYVCGKGDSSIRYFEITDEPPYIHFLNTFTSKEPQRGMGSMKRGLEVSKEIARFYKLHERKCEPIVM
 TVPRKSDLFQDDLYPDAGDALEAEDWVSGQDADPILISLREAYVPSKQRDLKVSRRNVLSDSKPAYG
 SRSGVSTATAITDIPSGNLAGSGEAGKLEEVHGLRALRVLVKEQGERISRLEEHLGRMENGDT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:

ACCN: NM_019222

ORF Size: 1452 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_019222.1](#), [NP_062095.1](#)

RefSeq Size: 1800 bp

RefSeq ORF: 1455 bp

Locus ID: 29474

UniProt ID: [O89046](#)

Cytogenetics: 1q43

MW: 53.8 kDa

Gene Summary: putative actin-binding component of kinesin complex [RGD, Feb 2006]