

Product datasheet for **MC203399**

Cntrob (NM_172560) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cntrob (NM_172560) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cntrob
Synonyms:	9830165K03Rik; Lip8; Nip2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058512
 ACAACTTGAAGAAAAAGGATGGGTCTAAGCACATCTTTGAGATGGAAAGTGTTCGGGGTCAGCTCCAGAC
 CATGCTCCATACCTCCCCTGATACTGCCTATCGAACTGGTTCAGAGAGACGGGAAGAGGACTCCTTTGAC
 AGTGATAGCACAGCTACCTTGCTCAACACCCGGCTCTGCAAGACCTGTCTCCATCCAGCTCTGCCCCGG
 CACTGGAAGAGTTGTTTCCCCGTACACTAGCCTTCGGCCCGGCCCCCAACCCCCAGATTTTCA
 GGGGCTGAGGGATGCACTGGATGCAGAGCTTACACGCAGAAAGCATTGCGAGCGCCACATCCAGAGCCTA
 CAGACTCGCGTGCTTGAGTTGCAACAACAGCTAGCTGTGGCTGTGGCTGCCGACCACAAGAAAGATCTCA
 TGATTGAACAAGTACAGAAAGCTCTGGCTCGAGTGGTGGAAAGGCTGGAATCGCCATGAGGCTGAGCGGAC
 AGAGGTGCTGCGGGGACTTCAAGAGGAGCGCCAGGCAGCAGAAGTACCAGAAGCAAGCAGCAGGAGACA
 GTGACCCGCTGGAACAAAGCCTTTCTGAGGCCATGGAAGCCCTGAGTCGGGAGCAGGAGGTTGCCAGAC
 TACAGCAGAGGGAGAAAGAGGCCCTGGAAGAAGAAAGGCAAGCCCTGACTCTGAGGTTGGAGGTGGAGCA
 GCAGCAGTGCCGACCTCCAGGAAGAGCGGGATGAGGCTAGGGCTGGGCAGCTCAGTGAGCACCAGGAAG
 CTGGAGGCCCTTCAAGTGGCTCTACAAGAGGAAAGGCAGGCTGGATCAAGCAGGAACACCAGCTGAAGG
 AACGCCTTCAGGCACTGCAGGAGGAAGGCCAGGCTCAGCTGGAAGAGAGAAGGGGAACAGCCAGAGGGA
 GGCCAGGAGCTGGGAGACCCAGCAGAGTTTGCAGTCTCCAGACTGAGGTGCGGCGCTGGAAGGG
 GATCTGGACACAGTCCGAGAGAGAGAGATGCACTGCAGCTGGAGATGAGCTTGGTCCAGGCCAGATATG
 AGAGCCAGCGGATCCAGATGGAGTCAGAGCTGGCTGTACAGCTGGAGCAGCGGTGACTGAGCGGTGGC
 AGAGGCTCAGGAGAACAGCCTGCGGCAGGCCGCTCCCTCAGGGACCATCACAGGAAGCAGCTACAGGAA
 CTGAGTGGACAGCACCAACAGGAAGTGGCTGCCAGCTGGCTCAGTTCAAGGTAGAAATGGCTGACCGGG
 AGGAACGCCAGCAGCAGGTGGCTCAGGACTATGAGCTCAGACTGGCAAGGGAGCAAGCTCGAGTGCCTGA
 CCTGAAGAGCGGCAACCAACAACTGGAGGAGCAGCGGGCGGAGCTGGTGGAGCGGCTCAAGCCATGCTG
 CAGGCCCACTGGGAGGAGGCCAACCACTGCTCAGTACCACGCTTCTGCCTCCCAATCCGAGGCTCCTC
 TTGCTGAGCCCTCCAGCCCCGGGCTCTGGAGCCAGAGAAGGGGAGAGGAGACCTGGGCCATGCCTCC
 CATGGCTGTGGCTCTGAAACCTGTGTTGCAGCAGAGCCGAGAAGTGAAGGGTGATGTGCTGGAGCTCCG
 TCTGTCTCTGCAGCACCTCCCCAGATCTGAGCCTCCTGTGGGACCCCTTTCCAGAACCAGAAGTCTCT
 TTCAGCCCTTGAACCAAGCCTGATGTGACTCCACCCACAGCTGGGCCCTTCTCTGCATTGGAGGCTTT
 CACTGATGATCACAGGGCCGAACGCCGTTTCTGAGGAAGACCCGGGATCTGATGGCGATGCAAGGCTG
 CCACCTGCTTCTCAGCTTGAAGGCCTCAAGAACTTTTGAACAGCTACTGGAGACAGCGCCTCAGAGCA
 ATGGAAACCCCTCAGCCGACCTGTTGCTCCCTAAGGCTGGCTCTCGGGCTGTCTCGTCTTGGGAGGAGGC
 CCCTCAAGTGCCCGACTTCCACCTCCTGTCCACAAAACCAAGTTCCCTTAGCCATGGCGTCAAGTCTC
 TTCAGGGTCCATGGGCTTCCCTCAACCAATTTGAAGGCAGTGGTCTCAGCACTGGCTCCCAGAGAAAG
 ATGGGCTCAACCTGGTGGACGTGTCTGAGCTGTTACGCCTCTACCAGGCTCGGGGTGGGGTGCCCTGCC
 TGCTGAGGACCTGCTCCTGTACCTGAAGAGGCTGGAACACAGTGGAACTGATGGCCAAGGGGAGCTTGTC
 CCCAGAAGAAACACAGACTCCCCTTTGGGTGAGACCACTCGGAAAGAGATCCCCTCCCAGGCTGTCCCTC
 GACGCCTTGCTTCACTCCCTAAGACTGAAAAGCCTGCACGGAAGAAAAGTGGGCATCCCGGCCCTAGCAT
 GAGGAGTCGGGGCGGCATCTGGAGATGAGGCCCCCCTTCTCCTTCTGCCATTCAATTTAATTAGTGC
 CCTGCATTCTGTCTGTCTCAGAGGAATCTGGAATGAGATTTTGTAGGAAGCTACTTTGTGAAGAAA
 CCTTCCAGAATTGTTTTATTATTTAGAAATATTTTGTATTTCTATGAGAAAGCCTATGGAGCCTTTGAGG
 CTGGTGTGTGACTAGATGTCTGAGTGGCCCTAGGCTCAGGGATGCTTGCAGTGGTTAGATGCCCCATAGT
 AGAATTAGAGTGAATCTTTTCTTTTGTATAATTTATATTTTGTATTTTCTAAAATAAGTATGTATT
 ACTTTAGTAATAAAAAAACTCCCAAACTTTAAAAAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAC

Restriction Sites: Ascl-NotI

ACCN: NM_172560

Insert Size: 1989 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC058512 , AAH58512
RefSeq Size:	2798 bp
RefSeq ORF:	1989 bp
Locus ID:	216846
UniProt ID:	Q8CB62
Cytogenetics:	11 B3
Gene Summary:	Required for centriole duplication. Inhibition of centriole duplication leading to defects in cytokinesis (By similarity).[UniProtKB/Swiss-Prot Function]