

Product datasheet for **MC203981**

1110004E09Rik (NM_026502) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1110004E09Rik (NM_026502) Mouse Untagged Clone
Tag: Tag Free
Symbol: 1110004E09Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC019533

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ATCTCAGGCTGGTGTGGGTCCGGCCGACCCGGCTCGGGCCTCGTGGTCCCTGCCCGCAGCCTTGCCACC
TCGGCGCGCCTCTGGCGCAGCCATGGTTGTGCTGCACGTGAAGAGAGGGCGACGAGAGCCAGTTCTTACT
GCAGGCGCCCGGAGCACGGAGCTGGAAGAGCTCACGGCGCAGGTGGCCCGCTACAACGGGCGGCTG
AAGGTGCACCGGCTCTGCTCAGAGATGGAGGAGCTGGCAGAACACGGTGTCTTTCTGCACCCTAATATGC
AAGGGCTGACTGATGAGCAGATCGAAGAGCTGAACTGAAGGACGAGTGGGGGGAGAAGTGTGTGCCAG
TGGAGGGTCTGTTTTACGAAGGACGAGATCGGGCGGAGGAACGGGAAGCTCCAATGAGAAAATGAAG
CAGGTTTTAAGAAGACGGTAGAAGAAGCAAGGCATAGTGTCTAAGAAAACAAGTAGAAGCTGGAGTCT
TTGTTACTATGGAGATGGTGAAGATGCCTTGGACCAGCTTCGAGGTGCGGTCATGATCGTTTATCCCAT
GGGGCTGCCACCATACGATCCTATCCGGATGGAATTTGAAAATAAAGAAGATTTGTCAGGAACCTCAGGCA
GCCCTCGAAGTCATCCAGGAGTCGGAGGCACAGCTGTGGTGGGCCCAAGGAGCTGAGAAGAACAAGA
AGCTTTCTGACTATGTGGGGAAAATGAGAAAACCAAAATCATCGTCAAGATCCAGCAGAGAGGGCAGGG
TGCCCCAGCCCGGAGCCTGTATCAGCAGTGAAGAACAAGCAGCTGATGCTGTTCTACCACAGAAGA
CAGGAGGAGCTCAAGAACTGGAAGAGAATGACGATGACTCCTGTCTGAACTCCCCGTGGGCTGACAACA
CGGCTTTGAAAAGACATTTTCATGGCGTAAAAGACATAAAGTGGCGGCCAGGTGAAGCCAACACTTGAC
TGTGAGAACCTCAACCCACCAAATTCCTACCTCCTGGTTTTCTTTAGTTTGAATTTTTGAAATAAGTC
ATTCACAGTTTTAGAACTTAATAAATACACATTCAAAAGAGAATGTTTTGGGCCAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI
ACCN: NM_026502
Insert Size: 873 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).



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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:	<ol style="list-style-type: none">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>BC019533</u> , <u>AAH19533</u>
RefSeq Size:	1139 bp
RefSeq ORF:	873 bp
Locus ID:	68001
UniProt ID:	<u>Q8BL95</u>
Cytogenetics:	16 C3.3
Gene Summary:	Plays a role in motile cilium function, possibly by acting on outer dynein arm assembly. Seems to be important for initiation rather than maintenance of cilium motility. Required for correct positioning of cilia at the apical cell surface, suggesting an additional role in the planar cell polarity (PCP) pathway. May suppress canonical Wnt signaling activity.[UniProtKB/Swiss-Prot Function]