

Product datasheet for **MC218034**

C230094A16Rik (BC024726) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	C230094A16Rik
Synonyms:	MGC38936, RP23-176O5.5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>BC024726

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

 ATGACCAAAACACCCCTTCCATGCTGCGGTGCTTCCACCAAGGGGGTGAATTACATCAACTTCAGTG
 CAACCGGGAAGCTCCTGGTGTCTGTGGCGTGGATCCAGAGCACACCATCACTGTCTGGAGATGGCAAGA
 AGGTACCAAGGTTGCCAGCCGAGGGGGCCACCTGGAACGAATATTTGTGGTGAATTTCCGCCTGACTCA
 GACACACAATTTGTATCTGTTGGAGTCAACATATGAAGTTCTGGACTCTGGCAGGAAGTGTCTGCTGT
 ACAAGAAAGGGGTATCGGGTCTATGGAAGCTGCCAAGATGCAAACGATGCTGTCCGTGGCTTTTGGTGC
 TAACAACCTTACTTTTACTGGTGCCATCAATGGAGATGTCTATGTCTGGAAGGAGCACTTCCTCATCCGG
 CTGGTGCCCAAGGCTCACACAGGTCTGTCTTTACAATGTACACCACCCTCCGAGATGGGCTTATTGTGA
 CTGGCGGAAAGAACGACCGACTAAGGAAGGAGAGCTGTAAGTTGTGGGACCAGGAGATGAAGCGCTG
 TCGGGCCTTCAGCTGGAACAGGGCAGCTGGTGAATGTGTGCGCTCGGTGTGCCGTGGCAAGGAAAA
 ATCTTAGTAGGAACCAAGATGGTGAATAATTGAAGTTGGGGAAAAAAGCGCTGCTTCAAACATCCTGA
 TTGATGGACACATGGAGGGGGAGATCTGGGGCTAGCCACACACCCTCCAAGGACATGTTTCATCTCAGC
 CAGCAATGATGGCACAGCAAGGATCTGGGACCTGGCTGACAAGAACTGTTAAACAAGGTGAACCTGGGC
 CATGCGGCCAGGTGTGCAGCCTATAGCCCTGATGGGAGATGGTGGCCATTGGCATGAAGAATGGAGAGT
 TTGTCATCTTGTGGTGAACACCCTGAAAGTTTGGGGAAAAAACGAGACCGGAAATCTGCCATCCAAGA
 TATCAGAATCAGCCAGACAACAGATTCTAGCTGTGGGTCTTCTGAGCAGACAGTTGACTTCTATGAC
 CTTACTCAGGGCACAAGTCTGAACCGGATCGGCTACTGCAAAGACATCCAAGCTTTGTTCATTGAGTGG
 ACTTTTCTGCAGACAGCAAATACATTCAGGTGTCAACAGGAGCCTATAAGCGCCAAGTACATGAAGTTCC
 CCTGGGGAAGCAAGTAACTGAAGCCATGGTTGTTGAGAAGATCACCTGGGCTTCTTGACAAAGTGTCTC
 GGAGATGAAGTCATTGGAATCTGGCCACGAAACGACAGCAAGGCTGATGTCAACTGTGCATGTGTGACCC
 ATGCTGGCTTGAACATTGTACAGGGGATGACTTCGGGCTGCTGAAGCTCTTTGATTTCCATGCACAGA
 AAAATTCGCCAAGCACAACGTTACTTTGGTCACTCTGCTCATGTGACGAACATCCGCTTCTCTCCGAT
 GACAAGTATGTGGTCAGCACAGGAGGAGACGACTGCAGTGTATTTGTGTGGCGATGTCTGTAA

 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

BC024726

Insert Size:

1533 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:	<u>BC024726, AAH24726</u>
RefSeq Size:	2444 bp
RefSeq ORF:	1532 bp
Locus ID:	237711
Cytogenetics:	11 A3.3
Gene Summary:	May modify the assembly dynamics of microtubules, such that microtubules are slightly longer, but more dynamic.[UniProtKB/Swiss-Prot Function]