

Product datasheet for **MR208196**

C230094A16Rik (BC024726) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C230094A16Rik (BC024726) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C230094A16Rik
Synonyms:	MGC38936, RP23-176O5.5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208196 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCAAACACACCCTTCCATGCTGCGGTGCTTCCACACCAAGGGGTGAATTACATCAACTTCAGT
 CAACCGGAAGCTCCTGGTGTCTGTGGCGTGGATCCAGAGCACACCATCACTGTCTGGAGATGGCAAGA
 AGGTACCAAGGTTGCCAGCCGAGGGGCCACCTGGAACGAATATTTGTGGTGAATTTCCGCCTGACTCA
 GACACACAATTTGTATCTGTTGGAGTCAAACATATGAAGTTCTGGACTCTGGCAGGAAGTCTCTGCTGT
 ACAAGAAAGGGTTCATCGGTCTATGGAAGCTGCCAAGATGCAAACGATGCTGTCCGTGGCTTTTGGTGC
 TAAACACCTTACTTTTACTGGTCCATCAATGGAGATGTCTATGTCTGGAAGGAGCACTTCTCATCCGG
 CTGGTGGCCAAGGCTCACACAGGCTCTTTTACAATGTACACCACCCTCCGAGATGGGCTTATTGTGA
 CTGGCGGAAAAGAACGACCGACTAAGGAAGGAGGAGCTGTAAGTTGTGGGACCAGGAGATGAAGCGCTG
 TCGGGCCTTCCAGCTGGAACAGGGCAGCTGGTGAATGTGTGCGCTCGGTGTGCCGTGGCAAGGGAAAA
 ATCTTAGTAGGAACCAAAGATGGTGAAATAATTGAAGTTGGGGAAAAAAGCGCTGCTTCAAACATCTCTGA
 TTGATGGACACATGGAGGGGGAGATCTGGGCTAGCCACACACCCTCAAGGACATGTTTCATCTCAGC
 CAGCAATGATGGCACAGCAAGGATCTGGGACCTGGCTGACAAGAACTGTTAAACAAGGTGAACCTGGGC
 CATGCGGCCAGGTGTGCAGCCTATAGCCCTGATGGGGAGATGGTGGCCATTGGCATGAAGAATGGAGAGT
 TTGTCACTTGTGGTGAACACCCTGAAAGTTTGGGGAAAAAACGAGACCGGAAATCTGCCATCCAAGA
 TATCAGAATCAGCCAGACAACAGATTCTTAGCTGTGGGTCTTCTGAGCAGACAGTTGACTTCTATGAC
 CTTACTCAGGGCACAAGTCTGAACCGGATCGGCTACTGCAAAGACATCCCAAGCTTTGTCACTCAGATGG
 ACTTTTCTGCAGACAGCAAATACATTCAAGTGTCAACAGGAGCCTATAAGCGCAAAGTACATGAAGTTCC
 CCTGGGGAAAGCAAGTAACTGAAGCCATGGTTGTTGAGAAGATCACCTGGGCTTCCCTGGACAAGTGTCTC
 GGAGATGAAGTCAATTGGAATCTGGCCACGAAACGACAGACAAGGCTGATGTCAACTGTGCATGTGTGACCC
 ATGCTGGCTTGAACATTGTACAGGGGATGACTTCGGGCTGCTGAAGCTCTTTGATTTTCCATGCACAGA
 AAAATTCGCCAAGCACAAACGTTACTTTGGTCACTCTGCTCATGTGACGAACATCCGCTTCTCTCCGAT
 GACAAGTATGTGGTCAGCACAGGAGGAGACGACTGCAGTGTATTTGTGTGGCGATGTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208196 protein sequence
 Red=Cloning site Green=Tags(s)

MTKHTLSMLRCFHTKGVNYINFSATGKLLVSVGVDPHEHTITVWRWQEGTKVASRGGHLERIFVVEFRPDS
 DTQFVSVGVKHKMFWTLAGSALLYKKGVIKSMEAAKMQTMLSVAFGANLFTFGAINGDVVWKEHFLIR
 LVAKAHTGPVFTMYTTLRDGLIVTGGKERPTKEGGAVKLWDQEMKRCRAFQLETGQLVECVRSVCRGKGG
 ILVGTKDGEIIEVGEKSAASNILIDGHMEGEIWGLATHPSKDMFISASNDGTARIWDLADKLLNKNVNLG
 HAARCAAYSPDGEMVAIGMKNGEFVILLVNTLKVWGKRDKRSQAIQDIRISPDNRF LAVGSSEQTVDFYD
 LTQGTSLNRIGYCKDIPSFVIQMDFSADSKYIQVSTGAYKRQVHEVPLGKQVTEAMVVEKITWASWTSVL
 GDEVIGIWPKNADKADVNCACVTHAGLNIVTGDDFGLLKLDFPCTEKFAHKRYFGHSAHVNTNIRFSSD
 DKYVVSTGGDDCSVFWRCL

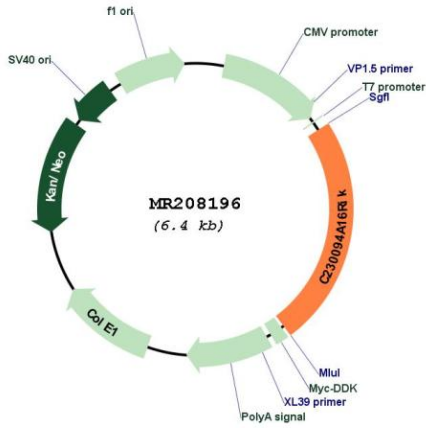
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Gene Summary: May modify the assembly dynamics of microtubules, such that microtubules are slightly longer, but more dynamic.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208196