

Product datasheet for **MR209903**

A430033K04Rik (NM_183025) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	A430033K04Rik (NM_183025) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	A430033K04Rik
Synonyms:	C86988
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209903 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGTTGGTGTCAATTTGAAGACGTAGCAGTGGACTTCACTTGGCAGGAATGGCAGGAGCTGGATGCTG
CTCAGAGGACCTCTACAGGGACGTGATGCTGGAGAACTATAGGAGCCTGGTGTGGCTGGGGCACTGTTT
AGCCAAACCTGAGTTGATCTCCAAGTTGGAAGAAGGATTTGAACCGTGGGGTGTTCAGAAAGCCACAGAG
CAGTGCCTACCAGGTGTCGTAATGGAGTGCCCCAGTTGAAAAAGCCAGCAAAGTCAAGAGAAGTATT
TGAGGCAAGTCAAATCATCAAGAAAAATACACCAGATGAAGATAAGGTTGAAGTAGAAAACACATACAA
TGTGGACTCAAATGCATTTCAAATATGACTCTGAAGAATGAAGTCTGTTCTAGAGTGTCTTTTCAGGAG
CTTGTTAATCCATTGCTAGATGTACCTTTGCCTACTGAGGCTGGCAGAGGCAGAGTACAGAAGTACCTC
ATGATCTGAATAGAAGTCAAGGAGTCTCTCATATCCCAAGCATTCTACTCACCATAGCAAGGATCAGTA
TTCACAGTGTGTTTTTCAGTACTTTGGACCAGATGAAGCCTTCCACACAAAAGCAATATTAACACCTGAG
ATGTTTTATGTTCAAGAAACCTCTAGGACATGCAATAACTATGATAAATCCTTTGATGAGGTAACAATTC
CTGCCAATATATGACTCAGTTAAGAAAGCAAACCTTTGGGATGGAATATATGTCATAAAAATATCCCTAA
CAAGACCGAAGTCTAGCAACCATGACGCTATGCACACTGGAGAGAATGATGATAAATGTGATTACGAGAAG
CCTATCATTAAACAAGTCATTATACCTTACAAAACATCAGGAAGCAGATGCAGGGATAGAGCCCCAAGCAC
ACAAAGAAAACATCAAATTTCTTGCCTAGATGCCGAGCTGCAACAGTTGATCCAGAAGTTCACGGAGA
GAAACAAGTTTACGAATGTAAGTATCAGGGAAAACCTTCGCCACCAGCCAGAGCACATCAGCCAAACAG
AGACCACACGCTGTGAGAGAGCCTGCCAGGCTAAGGAACATGGGGAAGCTGGCTGTGATGAGCCAGCCC
TCACCCAACACCAGAGACTTTGTACAGAGGAGAAGGCCCTGTGAGGGGAAAGCATGCAGCAAGGCTTTCCA
CCACAAGTCACTGCTGCCTCAGTATCAGAGCGCTCGCGCAGATGAACAGCAAAGTCAAGGACTGCAAGAATTA
ATGAAAATTTACTTCTACGTTTCAAGCCCCACGCAGCATCACGGACCTCCTCCTCTGAGAAACCTTTCA
GGTGAATGATTGTCTGAAGACTTTCTCCACAAGTACAGCTCGAGCGACATCAGAGAATGCACACAGG
GGAGAAACCCCATGAATGCAAAGAATGCAGGAAAGCCTTCTGTCAACAAGTCCCACTTAATCCGGCATCAG
GGAATCCATGCGCTGAGAAACCTACGAATGTAACGAATGTAAGAAATCTTTCTACCTGAGGTCACAGC
TCACTCTACATGAGAGGACGCACACCGGGGAGAAGCCCTTCGAGTGTAAAGAATGCCGAAAGCTTTCTC
CCGTAATTCACACCTCACTCAACATCAGAAGATTCATACAGGGGAGAAGCCACATAAGTGTAAAGAATGT
GGGAATGCGTTTCCCGCAAGTCACATCTCATTACAGCATCAGAAAACCCACACAGGGGAGAGGCCCTATG
AATGTAAGAGTGCAGGAAAGCTTTCTCTCGTAAGTCCCAACTGATGCAGCACGAGACAAGTCACTGG
TGAGAGAGCCTACGAATGCAAAGAATGCAGGAAGACTTTCTATCTCAAGGCGTACCTCACTCGCCACCAG
GTAATCCATCAGTCTGAAAAGCGTTTGAATGTAAGAAATGCGGGAAAGCTTTCTCTCGGAAGTCATACC
TCACACGACATCAGAAGATACACAAAGGTCAAACCTATCTGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209903 protein sequence
Red=Cloning site Green=Tags(s)

MGLVSFEDVAVDFTWQEWQELDAAQRTL YRDVMLENYRSLVWLGHCLAKPELISKLEEGFEPWGVAEATE
 QCLPGVRKWSAPVEKQQSQEKYL RQVKI I KKNTDDEKVEVENTYNVDSNCI SNM LKNEVCSR VFFQE
 LVNPLLDVPLPTEAGERQSTEVPHDLNR TQEVLSYPKHF THH SKDQYSQCCFYFGPDEAFHTKAILTPE
 MFYVQETSRTCNNDKSFDEVTIPAQYMTQLRKQTLGWNICHKIFPNKTEL SNHDAMHTGENDDKCDYEK
 PIINKSLYLTKHQEAHAGIEPQAHKENIKFFCLDAELQTVDP E L HGEKQVYECKVSGKTFRHQPEHISQQ
 RPHACERACQAKEHGEAGCDEPALTQHQR LCTEEKACEGKACSKAFHHKSLLPQYQSARADEQQSDCKEL
 MKIYFYVSSPTQHHGPPPEKPFRCNDCLKTF SHKSQLERHQRMHTGKPECKE CRKAFCHKSHLIRHQ
 GIHAPEKPYECNECKSFYLRSQLTLHERTHTGEKPFCKE CRKAFSRNSHLTQH QKIHTGEKPHKCKEC
 GNAFARKSHLIHQHTHTGERPYECKE CRKAFSRKSQLMQHETTHTGERAYECKE CRKTFYLKAYLTRHQ
 VIHQSEKPFCKKCGKAFSRKSYLTRHQIHKGTLSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_183025

ORF Size: 2007 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_183025.1](#)

RefSeq Size: 3157 bp

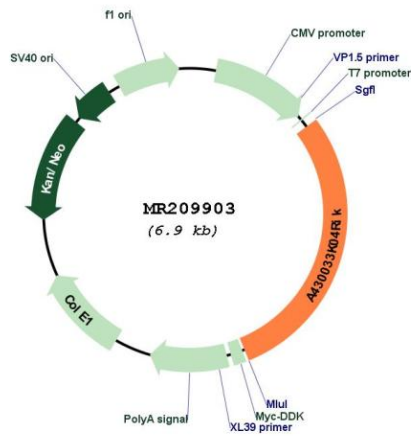
RefSeq ORF: 2043 bp

Locus ID: 243308

Cytogenetics: 5 G2

MW: 77.9 kDa

Product images:



Circular map for MR209903