

Product datasheet for MR204251

3830417A13Rik (NM_027512) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	3830417A13Rik (NM_027512) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	3830417A13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204251 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCTACTGAGAACAACCAGAACTCAACCTATGGGACATCCCTCGGGCCAACTGAAGAAAGGG
GCCCCGGGAGTACCCAGGACCCTATAGCTGAGGCAGAGGAGGTGGAAGCCATTGCCACCGCCCCAGGGGA
TGTGCCCTGCTGGAGGGACACCTAGTTCTCCCCAGAGTGCTCAGGGAGACCCTCTCCCCCACTGCCATG
GGTTCTATTTTCAGGGGCATCATTGAAAATCCTCTATCTGAGGTGTCTGGTGTGAGTCCCCTCCCAGG
ATGGACTAAATGAAAAGATAATTGATTTGGTGAGATTCTGCTTGTTAAGTTTCGAAGGATGGAACCTAAC
AAATAAGGAAGAAATGATTGTTAAGACCATGGGAGATTATGAGGAGCACTATTCTGTGATCTTTAGTAAG
GCTGCCGAATGCATGAAGCTGATTTTTGGTGTTGACATGTTGGAAGTGGATCCTTTTGCCACTCCTATT
TTCTACACCCTGCTCTGGGAATCACCTATGACGGGATGCTACATGGAGTTATAGGTGTACCCAAGACAGG
TCTGGTTATACTTGTCTATGTGTCATCTTTATAGAGAACAATTGTGTCAGAGAGGAGGTATTCTGGCAT
GCAATGAATATCCTAGGGATGCAGGCTGGAATCGATCATTTTCATATTTGGGGAGCCAGGAGTCTCATCA
CTGAAGATTTTGTAGAGGAAGGGTATGTGGGATACAGGCAGGTGCCAACAGCAATCCTCCTTGCTTTGA
GTTCTGTGGGGCGCACGAGCTTATGCTGAAACCACCAAGATGAAAATCCTGGAGTTTTATGCCAGCATT
GTTAGGCAGGATCCAGATCCTACCTGAGAAGTATGCTGAGGCCTTGAGGGAAGAGCAAGAGAGGGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204251 protein sequence
 Red=Cloning site Green=Tags(s)

MEPTENNQNFNLDIPRAQTEERGGSTQDPIAEAEVEAIAATAPGDVPAGGTPSSPQSAQGDPSPTAM
 GSISGASFENPLSEVSGAESPQDGLNEKIIDLVRLLVKFRMELTNKEEMIVKTMGDYEEHYSVIFSK
 AAECMKLIFGVDMLEVDPFVHSYFLHPALGITYDGMHGVIGVPKTGLVILVLCVIFIENNCVREEVFWH
 AMNILGMQAGIDHFIFGEPRSLITEDFVEEGYVGYRQVPNSNPPCFEFLWGARAYAETTKMKILEFYASI
 VRQDPRSYPEKYAEALREEQERA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_027512

ORF Size: 912 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_027512.1](#), [NP_081788.1](#)

RefSeq Size: 1649 bp

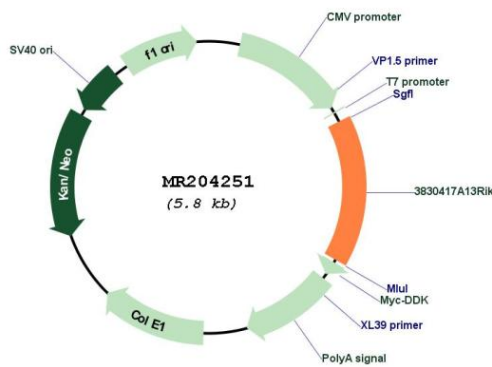
RefSeq ORF: 912 bp

Locus ID: 70696

Cytogenetics: X A7.1

MW: 33.8 kDa

Product images:



Circular map for MR204251