

Product datasheet for **MR230250**

0610010B08Rik (NM_001177543) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	0610010B08Rik (NM_001177543) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	0610010B08Rik
Synonyms:	100039060; Gm2026
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230250 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTTAGTCACCTATGATGACGTGCATGTGAACTTCACTCAGGATGAGTGGCTTTGCTGGATCCTT
 CTCAGAAGAGTCTCTACAAGGGTGTGATGCTAGAGACCTATAAGAATCTCACAGCTATAGGTTACATTTG
 GGAAGAACATACGATTGAGACCATTTTCAACTTCTAGAAGTCATGGAAGGCATGAAAGAAGTTGTTCT
 GCAGAGCAACCCTCTGAGTTTATCAATGTGGTAAAGCCTTTGCATATGAGAGTGGTAGACAAAGGCATC
 AAATTAACATAATGGAGAGAAACACCATGACTGTAACCAATGTGGTAAGGACTTTAGAACATGGAATGT
 CCTGCAAATACATAAGCGAACACATACAGGAGAGAAACCCTATGACTGTAACAATGTGGTAAAGTCTTT
 GCAAGAAGCTGCATCTCCAAATACATAATCGAACACATGCAGGAGAGAAACAGTATGAATGTAACCAAT
 GTGGTAAAGCTTTTAAAAGAAGGATTAACCTCCAAATACATAAGCGAACACATACAGGAGAGAAACCCTA
 TGATGTAACCAATGTGGAAAAGCCTTTGCAAGTAGTGGTGAACCCAAAACATAAACGAACACATACA
 GGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCAAAAGCAGTCATCTCCGAATACATA
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGAAAAGCCTTTGCAAGAAGTGGTGA
 CCTCCAAAACATAAACGAACACATACAGGAGAGAAACCCTATGAATGTAACAATGTGGTAAAGCCTTT
 GCATAGCAGTCATCTCCAAACATGAGCGAACACATACAGGAGACAAACCCTATGAATGTAACACAGT
 GTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACAGGAGACAAACCCTA
 TGAATGTAACAATGTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACA
 GGAGAGAAACCCTATAAATGTAACAATGTGGTAAAGCCTTTGCAAGAAGCTGCATCTCCGAATACATA
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTTGCAAGAAGCTGCAT
 CTCCGAATACATAAGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTTT
 ATAACAAGGAGAGTCTCCAAATACATAAGCGAACACATACCGGAGAGAAACCCTATGAATGTAACCAAT
 GTGGAAAAGCTTTTGAAGAAGTGTGACCTCCAAAACATAAACGAACTCATACAGGAGAGAAACCCTA
 TGAATGTAACCACTGTGGTAAAGCCTTTGCACAAAGCAGTTCTCTCCGAATCCATAAGCGAACATACATA
 GGAGAGAGACAATATGAATGTAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230250 protein sequence
 Red=Cloning site Green=Tags(s)

MDLVTYDDVHVNFQDEWALLDPSQKSLYKGVMLETYKNLTAIGYIWEETHIEDHFQTSRSHGRHERSCS
 AEQPSEFIQCGKAFAYESGRQRHQIKHNGEKHDCNQCGKDFRTWVNLQIHKRTHTEKPYDCKQCCKV
 ARSCHLQIHNRTHAGEKQYECNQCGKAFKRRINLQIHKRTHTEKPYECNQCGKAFASSGELQKHKRTH
 GEKPYECKQCCKAFSSSHLRQIHKRTHTEKPYECNQCGKAFARSGDLQKHKRTHTEKPYECKQCCKAF
 AHSSHLHKHERHTGDKPYECKQCCKAFAVIYTLQMHKRTHTEKPYECKQCCKAFAVIYTLQMHKRTH
 GEKPYCKQCCKAFARSHLRQIHKRTHTEKPYECNQCGKAFESSTLQIHNRTHTGEKPYECNQCGKAF
 ITRRVLQIHKRTHTEKPYECNQCGKAFARSDLQKHKRTHTEKPYECNHCCKAFQSSSLRQIHKRTH
 GERQYECN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001177543

ORF Size: 1494 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_001177543.1](#), [NP_001171014.1](#)

RefSeq Size: 4539 bp

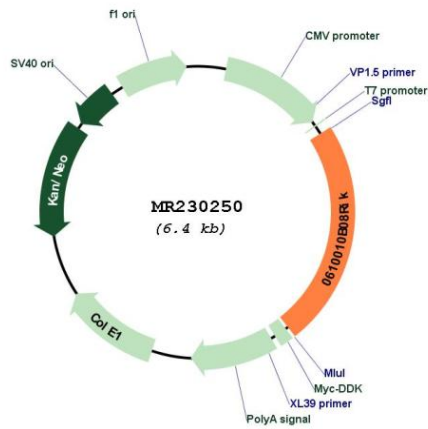
RefSeq ORF: 1497 bp

Locus ID: 100039060

Cytogenetics: 2 H4

MW: 57.8 kDa

Product images:



Circular map for MR230250