

Product datasheet for **MC218434**

2310007B03Rik (NM_001159940) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2310007B03Rik (NM_001159940) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2310007B03Rik
Synonyms:	MGC107226
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218434 representing NM_001159940
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCTGGCTCAGAGATGCCTGCCTCCCTGTGTCTTTGCTCCAGACATGGCGGAGCAGGTGCCCTGTGGC
 ATCACTACCTGTTGGCCATCCAGTCACGGGAGTCACCCCGTGTCCAGGACTACCAGAGAGCGGAGAATAT
 CTTGCTTACGGTGTGGAACCGCTCCATGCCTTGGACTCCCGCTTCATTGTTGACTATTCTAGAGACCTG
 GAGGCCTTCCAGTTTGCCTGCGTTCCTCAGAGAGCCACTGGATGTGGAGGTGCTCCTGGGGTGGATT
 CGGAGGCTCTCCTGATCGAGGAGTCAGAAGCCACTGAGCCAGGGGATGGCCCTGCAATCTGTGCGCTGGG
 TGTCTCAAGGAGGCATCTGGCCTGGAGCCATGGATGACTGCTGACATCTTCAGTGTCTCCTCAGAGGAC
 AGAGACAAGTGTGTGGCCACCTGTACCCAGTAAAGTCTGTGTCTCAAAGATCTTCTGGTGGCTG
 CCATTGTACATTGCAAGCACCACAGGCTCATTCCACCAGGTTCACTGAATGCTGCTAATCTGAAGGAAGG
 GCAGATCGCCTGTCTGTCTGGTGTCCAGTGGCTGGAGGAAGATCCGCTTCAAGTTGTGCCCGTGGTG
 AGGAAGAAGCACCGGGTGCCTGCCTTGGAGGGGCCAGTTGAAGCTTGGATTTCTGAGGGCATCTTGA
 GAAGAATTGCCAGCCACGGGTGGACCTGGTACCAGCTAATGCCCAGCACTGGAGGATCTCCACTGGCTA
 CCTGCTCAGTCGCTGCTTGTGCACTAGGCTCCCTCCCTGGCCACCGCTGGACAGCCTCTCCATTCTC
 GACCGCGTAAACCTAGAAAGTTGGCAAGGTGGCAGCCAGAACCATGGCCTAACTTTTGACCACCTGAAGA
 CAGTGTGCTGTGGGCTCTACGCTGTTCCAGCACCAGAGGACTGGGCTGACCTGCAGGGCTCAGTGT
 CCGCCAGCTGGTGGTGTCTGTCTGCTGCCTGGTACCAGGAAGCTGCCCCACTTCTGTACCCGGAGCAC
 AACTTGTGCAGGATGGTGGCCTGGACCTTGGCGCCATCTACCAACGAGTAGAACACTTCGCCAGCCAGC
 CCGAAGAGTCCCTACGAATCCATGTACCCACTGGGCCAGCCGCTCCACCAGCATGACAATGGTGT
 CAAAGCGCTACTGCAGCTCCAGCCAGCACCCTACCTACTGGGCCACCGCTACTTTGACTTTCTGCTA
 GATAAGTTCCAGGCTTCAACATCCAGGATAAGGACAGAATCTCAGCCATGCAGAACATCTCCAGAAGA
 CCAAGACCATGGGGAGTGAGAACAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001159940

Insert Size: 1359 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.

RefSeq: NM_001159940.1, NP_001153412.1
RefSeq Size: 2302 bp
RefSeq ORF: 1359 bp
Locus ID: 71874
UniProt ID: Q8CEZ4
Cytogenetics: 1 D