

Product datasheet for **MC221538**

BC024139 (NM_001142968) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC024139 (NM_001142968) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC024139
Synonyms:	6230424I18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221538 representing NM_001142968
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGAAACCCTGCTTCAAGGCTTGGTTGCCTTGGGGGAGGAGGAACCGCTCGGCCTCAGCCCCAGGA
 CTCACACCAGCCCAGAACCCGAGGGGATCTCTCTCCAAGATCTGAAGCTCCTCGCAGCCGCTTCCGTC
 TGGGATCCCTTGGGCTGGTGGGCTCCCGTGCTGCCAGGTGACAGAGGTCACAGAGACGGTGGTGACA
 GAGACAGTAGTGACAGAAGCTGTGGAGATGGCGCCTGCAAGCCAAGAGGGCAGCCAGTCCAGGCGCCTC
 TAGCAGCCCTGGACACTGCGCAGCTGGCTGGATGGCATGGGGAACTGCAGGCTTACAAGGACCTTT
 GGCTGCAGATGCCACATTGGCTGCTTCTCAGTGCGGAAACAGGAGCTCCTTTGCGGCTGCTAAGGGAG
 CGTGCGCCACATGTGGAGCCAAGATTACGAGAGGCCGGGAGCCCATCAGAGCTGTGCACACAATGGCACC
 GACTGGTACAGCAGGCAGAAACCAGGTGGAGGCTCCTGGAACAGCTTGTCCGGCAGCACAGAGCTTTGA
 AACAGCCTGCAAGGCTCTGCTGGTGGGCTGAGCTCGAGTGAACAGCTGTGGCTGAGTTGTGGCTGGGG
 CCCAAGGGCCTTGAGGAGTCGTTGCCGTACCTCCAGGAGGTGTGTGAGGGGGTTGTGGCAAGCACCAGGG
 ACCTGGAAGGGTTTTGCAGACCGGCCAGAGGCTGGCAGAGCTTCTCAGTAGTATCAAGCTCGGCTTGT
 ACGACAGCAGCTGAATCAGTTCAGGAGCGTGTCAAGCTGACTGAATCACAAGCCACCTGTGCCCGGCGAG
 AAGCTACTATTTGCTCAAAGGACAGAGTCTCCAAGCCCTTACCACCGCAGGCCCTGGAGGCCCAGCTTG
 AACTGGAAGGCTCTGCCTCAACACTCCACAGCTCAAGGATCTGAAGCAGCTGAGTGTCCAGCTCGTCCA
 GTTAGCAGAACGACTTGAGCAGCTGGCTCAGTGGGCGAGAGCTTCTAGTCAGGTAGCAGCACCCGCAGTG
 ACCATCTGGGAACAGAGTCTCTCATCAGCCATGCTTACGGCCGATACGAAGCCCTTGAAGGGCACTGGT
 TAGAGACTCGAGAACAAGACTTTGGGCCGAAGGCCATATGGGAGCCAGCTGTGCAGATCTCATGTGGCCT
 GGCAGATCAGGCAGCCATTGAGAAGCTAAAGCCTGAGAGGGACTGGAACCCAAGTTTACAGGAGTTCCTG
 TGGGAACAGCAAACCCTGGCAGTGTATGGCTAGGAAGGAGAGGAGCTGTGACTATGGGAGCACCTGCC
 ACTTGGGCTGCTGATGGACCTGCAGGGCTGCCGGCTGCCATGTCTAGCCCTCCTGCGAGAGGATACA
 CACCCTGGAAGGGGTGCTGCTGCTTGTGGGCCACCTTGTAGAGAAGTTGGTCTTGTGCCCCATAGACTG
 AGCCAAGCGAACCCTTGGGGATCAAGGTGGTACAAGCCACAGCTTGTAGAGGAGATGCCTCCGGCCC
 TCACCCCAAAGTACTGGACTCGAGCCCCAAGGGAGATACTGGCTTTGATGAGTCTTGACCAGGAGCCGCC
 TGGGGATCTGGCAGTAGAGCTAAGGCTTGCTCCTGGGGAAGATTCCAAAAGAAGTCTGAGCTGGAGGCCA
 TGGTGGTCAGAGGTCATGGAGAAGTGGAGTCTTAGGAAGCCAGAGCATAGCAAGAGGAGCGAGGACAAA
 GGGACCAGTGGGAACGGCTGGAACAGGGCCACCAGGTACAGGATCCTGCAGATAGCTTCTGTCAACTGA
 GGAGCAGGACAGCGTGGGACAAGGCTGGCCTAGCTATAACTGGGGGAGACGTGGGCTCTCCACAAGGTC
 TCCATCACATTCAAGCCAGGGCTCTCCAGTGGCCAGAAACAGCCCAATAGCGTGGTCAGAGCAAGAAACC
 CAGAAGGGTCAAGTGCATCAGGGGCCAGAGGCAGGCCAAAGTCCAGGGAGCCTTGGCAGCTCGAGGAGC
 CATGATGGTTCGTGTTGGAGGTGGTTGGGCAGCTTTGGATGAATTTCTGGTCAAAAATGACCCAGTCAGA
 GCAAAGGGGAGAACCAGCCAGAAGATCCACGAAAGGTTCTGTGCTGGACTCCTAGTGTGCCAGCCCTG
 AGGTATCACCCCTGAGGCTCTGGACCTCAACCAAAATGGGCACTAACAGACCCCTGTCTCTGAAGACAGG
 GCTGCCAATTGTCAAAGACCGCAGAGACTCCAGTCTCTACAAGGTCAAACCTCAGAGCAGTCCACTGAG
 GAGCT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001142968
Insert Size: 2319 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:	<ol style="list-style-type: none">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:	<u>NM_001142968.1</u> , <u>NP_001136440.1</u>
RefSeq Size:	2656 bp
RefSeq ORF:	2319 bp
Locus ID:	271278
Cytogenetics:	15 D3