

## Product datasheet for **MC220832**

### 2010300C02Rik (NM\_028096) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	2010300C02Rik (NM_028096) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2010300C02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC220832 representing NM_028096 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTTCCACGAGGGTGTGGACATTAACCTTCGGGAGGCTGCCGAAGGCCTTGGGAAGATGGTGCAG  
GAAAGAAAAGTCGAAATTTAAACTTTAAGAAGCTGTTTGGGAAGAAGAAGAGAAAGGAATCCCCCTC  
ACCCACAGGAAACAGCGCTGGAAGCAAAATCCGGCCAAGAGCGAGGTCATTGCCGTTGAGGAGTCGGGG  
CCCGTGTATGACTCTGAAGATGAGCTGGAGGAGTCCAGGGTACTATGGGCAGCCGGGCCCTCTCCACG  
ACAGTATTTTCTTCTGAATCGGGACAGGACCTGCTCGGCCCGTGGGGTGTCTCCCAAGAAAATGT  
GTGCGACCGGATCAAGGCTTTCAGTTAAAGATACAATGTAACGTGAAGATGGGGCCACCGCCTCCAGGA  
GGCCTTCTATCAAGCGGGCAGAGGAAACCGGCATGAGTTCTGAGGATGACGGACTGCCCCGAGCCCC  
CAGAGATGTCCCTGCTGCACGATGTGGTCCAGGCACAATAAAGATCCTAGTGTCTCGTCCCGGCC  
ACAGTCTCCCGACCACATGAGCGATGCCATCTCGTCTCGGACCTGGATGGTAGCCTAGCTCCTGTG  
GTTGACTTCAGCCACCCTCCAGAATTCTTCTCGCTGGACAACCTGCAGCTAAACACAAACTCCTGG  
TGAAGCCCGCAACCAGCGATCAAGTAACTGAGGCGGCTGTCTCGAGGGCGCAGTCTGAGTGCCTGAG  
TGACCTGTGCTGGACCCTAGATGAGGAAGACTATGAGGAGAAGCCATTGCTTCATGTGAGCATGGAAGAA  
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GGAGGGAGGCTGTCTAGAGATGAACCTCAAGCCTTCCAGCTACGCCAGAAGTTACTGAGCCCATGGTG  
GTCTCAGTCCCAAGCTTGGAGTCCCATCTCTGCCAGAAAGTTCTCCAAACCATATTCTCCATAGTAAGA  
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GGCTCTGCACCTCCTGAGGGAGACCCAGCATTTTCTGAAAGACACATGGCATTCCCTGGAGGGGTAGCA  
TACCTCCTGAAGGAAACACAACACCTCACAAAGGTGTCATGGAACCTCCCGAGAGAGACATGTACCTTC  
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GATGTGGCACCTCCCAAGAGGATCATGGCACCCCCAGAGAGAGACATGTACCTCCCGAGGGAGATGTGG  
CACCTCCCAAGAAGATCATGGCACCCCCAGAGAGAGACATGTACCTCCCGAGGGAGATGTGGCACCTCC  
CAAGAAGATCATGGCACCCCCAGAGAGAGACATGTACCTCCCGAGGGAGATGTGGCACCTCCCAAGAAG



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ATCATGGCACCCCCAGAGAGACATGTCACCTCCGAGGGAGATGTGGCACCTCCCAAGAAGATCATGG
CACCCAGAGAGACATGTCACCTCCCGAAGGAGATGTGGCACCTCCCAAGAAGATCATGGCACCCCC
AGAAAGAGACTTGTACCTTCTGAGGGAGATGTGGCACCTCCCAAGAGGATCATGGCACCCCCAGAGAGG
GACATGTCACCTTCAAGGGTGACATGGCACCACCCAAAGGAATCATGGAGCCTCCTAATAGGGACACAT
CACTTCCAAAGGGAGACACACCCTCTGAGACTACTGATACCAACTTGGAGACACCTTCCAGATAC
AGAGAGACAGGACCAAAGTGTCCAGAAGGAAGAGAGCTGACCCTGGTGGTGTACCCAGGCCTGAGGGA
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CCTTGGTCACCAGTGGTCCCCTGCAGAGTCTCTCTGAAAGAGCCTGGCCAGCAGTCCAAGACAAGC
AGTTGTGCCTCCCGCCCGCCAGGCCTACACAGGCTGCAACCTCAGGAGGTCCAGAGAGAACAGCCCTG
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GGGCACGTGCCCGTGTACGCGCTCTCGCTTCCGGAGTATTCTGCACATGTGCCTGCAGGGGGCCGAGC
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CCACAGGACCGGAAGACAATGGGTGGTACCCTCAAACCTCAGGGGATGTGGGGCCGGCCAGGCAGGAC
CGGGCAAGAGCCCCAGGAAGCTGAGCCATGTGCCTCCTCTGTGCAGGAGCCAGCCAATGGGGAGGACCA
GAGCCCTTCCCAGTCAAGCTGCGGTCCACCTCACTCTCACTTAAATACAGAGACAGCTCTGCCAAAGAG
GCCAAAGCCATCAAGAGGTACAGCGCCGAAGTCAAGTTGGAGAAAGGAGGCTGGCTCTGCTTCCCAAG
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AAAGACCAGGTCTCCTGAGCAGCCAGGTACCAAGCCACCCTGCCAGGAAGCCACTTCTGCCGAGCCTT
ACCTTGCATACCCACCCACAGGCTGGATACCAGCCCTGGGAGTCTGAGAGACTCATACCGGTATCC
TGCTCCCGAGCCAGGAAGGAGAAATTGTCCAATCAGGGAGCTGAAAAGGGTCAGCCTCCTGCGGCTAC
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CCAGACCTGCCCGTCAACCAGGAAGAGAAACCTGGGTGAGGATCCTAAGACAGAAACTGGGAAGCAAG
CCAAGTGGCCGAGAGAGCCAGGAGTCTGTGAAGCAGGTTGACTTCTGTCGGAGCAATCTTCTGAT
GACCCCTGCAAAGCCTGCTGTGACCCAGAGGCAGGGGTCAAACCTGAACCTCAAGGAAGGCTACAGAGA
GGAATCTCACTGTCCATCAGAACTGGCTCAGGCTGCAGCGACCACAGAGAAGGAATTCATCAGCTGA
AGAGGGCCAGTTACGCCAGTACAGATCAGCCATCCTGGATGGAATCGCCAGAAAGAAATCTCAAGCCTG
GAGCGACATGCCCAATCATAAAATAG
    
```

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_028096
- Insert Size:** 3528 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\_028096.1, NP\_082372.1

RefSeq Size: 4361 bp

RefSeq ORF: 3528 bp

Locus ID: 72097

Cytogenetics: 1 B