

## Product datasheet for **MC202402**

### 2410002F23Rik (NM\_025880) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 2410002F23Rik (NM\_025880) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 2410002F23Rik  
**Synonyms:** MGC27669; MGC69849  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC059896 sequence for NM\_025880  
GCCAGGCCTTTGTTACCTGCAAGAATACTAATACAATGGCTACAGGATGGTCTTGTAGGCCTGATGGT  
ACAAGCATTTTCGGTTCAGCTACTCAAGTAAATTACATATTTCTCCAAAATATTTAAACCACACCTTTG  
CCTGTAACCAATCTTTTCTGCCTACTTACTGGTCAGTGCCATTATCACACTTGATTAACCTTTTCCT  
CTTGGGAATCCTACTGTTCTCTTTGTGTTCTTGTCTAAATCATCTCCAGACAGCTTTCACAGGGTGGT  
CAAATCTCGCTGAGTAAGTCACTGGCCTTCCATTTATTTATTTATTTATATAAAATATATATATGT  
ATATAAGCCTATATTATATATAAAATCTCAGCAGGGTTTTGCTTGTTCATTTTGTCTGTAGAACC  
CCCATAGTTCTCCACCAGGCTCCTCAGAAGGATGTGTCTTTGCAGGTTGTGTTTTCAAGGTTACGA  
ACCAAGACAGAACATCATGTCCATAGGGAATCTCTATGGACCTACTGGACTGGGAACTGGAGCCTCTA  
GTGGATTTGTGTTTGTCAATCTTTCTATTGTGTAGCTTGGCCACCATCCCTGAAGGCAAGTAGCCTT  
GACATTGCAGAAGCCTGAGGCTCCTGTGATGTTTAGCTGGGCTCCAACACCCTTGAGGACACAGTG  
CCCTCCAGGACCTTTGACACCTGGAGATCTGAGGACCTCTAAATTTGATGTTCTGTACCTGTGGCTGG  
CCCCACACATAACCTCACCAAGTCCTTTCGGTATTACAGGTGTATCTTGAAGCCACGTAGCCATCCATC  
ATCATCTTACTGTGGTAAGAGCCTTTACTTTTTAATCTGTCCACACCTAAATAAATAGTGTACCTTCT  
TTTCAGTTACTCTCTATAAGTTGGATTTAATGAACCCGCAATTATAGGGTATTACATATTTAAACTCTTA  
ACTTAAATGGGATCAGTCAGGTGTAGGTAAGATCCCAGACCTGCTGTTCCATAACTCCATACCAGTCAGT  
AAACCACCTCAATAAACCTGGGTGCTGAATGGAACAGACACATCAAGGGCAGGCACCTAAGTCTCTGCA  
GTTACATAGAGAGGGTGGCAGTATTTCTGTCTTCTAAGGTAAGGACTGGGTAAGGTACAGAAAGGACC  
AAATTTCAAACCTCAGTAGAGAACAAAATATCGGCATTAGCGCTGCCACTGGATTTGTGGACTGAAGA  
CAATGTAGCTTTGAGCATCGTTTTAGGGCTAGCAATAATTTGTACCCCCAAAAAAGATACTTTTTTA  
TTTTTAAAGAACCTTGAATTTACATAGTTCTATTATTTAAAATAACAAGATTTATCAGAAGACAGGCAT  
GTGTGTTATCTAAAAAGAACACGTTCTCAGCTTAGGAGAATATCTCCTGTTTCTTAGGTGTTGGGAA  
CAGGGAAAACAATGGCTCTGCTGTTGACCTAAGATGTTTTCTATCTGACCATACTGGGCTTGGGCTAAT  
AACAAAGCACTCTGCATAGCACTGAACACACGGAGTCTCTGGACTGGGCAAGATGTGAAGTAAAAAGGT  
ACAGAGAGCTGGAGAGGAGTTACTTTCTATAATTTGGATTTAATCAACCAACAATATAGGGTCCAAGGC  
CAGCCTGTGCTATATAACAAGACTGTAGGGTAGAGGAGAAGGGCCAGTATTTGAAGCAATGAGTTCA  
CTACATCTCACCAGGCTTAGGCAGGTGTCATTTCTTTGCAGAAATGCAAAGTCATTACTCCCCCAAGT



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TGCAGGGTGAACAGAGGTGCTAACCTCAAACCTCAGGCAAGTTGAAGAGTTGGTTTAGGGGAAACAGGT  
 CTGGAAGAAGGGTGAAGCCACTTAGGGACATGTTCACTATACCCCTGGAATTCCAAACAGTCCTAGGGC  
 TGAGCCATGAGACCAAGACCAGTCTCTGTCTCATTGCCCCACATTCCAAAGGACACAGCAACCTCAGTC  
 TACAGCATGCAGGTCAAGTGTAGACAATTGAGGGTAACTGTGGCACGTGCCTATAATCCCAACATTCAG  
 GTGGCTGAGGCGGGAGGATCCTGAGTTAACATCCAGACTGGACTACATAAAAAATAACAGAGGCAGTT  
 CCTTCAGACAACCAGGCTTCCCTCCAGGTGGTTTCTACAAACATCCTACTTCCCTCAGGTAAGAGCAGA  
 AAGACTGTCTGGAGTAGAAGTCTAATGCTAATCACATGAACTTGGTTTACACAATTAGACCAGATTGCTA  
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 GTGATATGTTGTGCCTCCAGGACCTTTGACATCCAGGAGTCTGAGGGGTTTCCATTCTAGGGGGATGCTG  
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 TCTAGCCCTCTTGTATTCTTACCTTGAGACTGTGAGGGCCATGGCTGAGAGAGTGTGGTCCCCACCA  
 GATAGGCCGGGGGACCGCTACTACACATACACGGAGTTGTTGGCTATCTCACGGCGTTTCAAGCAGAAC  
 CCCAATGAGTCTATGGTACCTGGATCCTGCGGGTGTATGACCAGGGAGGCCCTGCCCTGTCCCTGAATT  
 CTGGGGAGCTGGGGCTGTGGGTGACCTACCCATGATGCCATCTTAACTACCCTGCAAGGCCCTGCG  
 GGGGCTGGCTGCCAGACTCTCCTGAGCTGGCTGTGCAGGCCTGGCGTCAGCGTTGGGAATCCTCCCTG  
 CATTTTGAAGCCACCGAGTTACCCTTACGGCCCTGGACCACCATGGAGGAAGGCATCCAGTTGGTGCCTG  
 AGCTGGGCATGATTGAGTGGATCTACCTTGACCCAGAAGGGCCCGTGGACCTGGCCCCAGAGGATGTGGC  
 CTTCACTCAAGGCCTGCAGCGGGCCTGCTCACAGCAGCCCCCTCTGAGCTGCGGCTTTCCTGCTCAGC  
 CTGCTGGTACGTGGCATGACAGTGTGGAGGCTGTGATGGAGATCCAGACTATTGCTGACGTGGGTCTGC  
 TCTGGCGCCAGAGCCATCCAGGCCGACCAAGCTCATGTTGGGGCCCAACCAACTCGTAAGGACCTCCT  
 AGGCTGGCTGCTCAGCCACGGTGTACCCCGGGAGCAAGTAGACAGACAGCCCAAGGTAAGTACTCCTAGAA  
 CTCTACATCAAAGAAGCCAAGCGCAGTCGCGGCCACCCCAACTATGGGCTGAACGAGGAGCAGCCCCAC  
 CACCCCTTACTCCGACCAGGCTGTGGGAAGAGCAACCGGTGCGTCATGACTAAGTCTGGACTGACG  
 TCAAGAGGACACTTACACCCAGGGTCTGAAGGTGGGAAAGTGAATTGCAGAGAGGCTGTCTGTAACCCAG  
 GTGACTAGGAAGCAGCTTGGGGAGCGCCCAAGTGGACATTCCCATCCTATAGCACTTAATGCCAAGCTCG  
 GTGGCCCCAAAGAGAAGTGTGCATGTTCTAGCCACACCATCCATATGGAAGTGAAGGACAGGTTGGCTA  
 TTGGTTGTGAATCTAGGGTGTCTATGGCCCTAGAATTAATCCCCCTGAGTTGAAGCTTAAGGCCATGCTA  
 AGATGTGTGGCCACATCAGGGTCCCCACCCCTCTGCCTCCACATGGACCCAAAGCACTACATACAGGCC  
 ATCTTGAATTTTTACTTTTTCAATGCAACACTTACATAGTATTTTAGGTATAGGCCGTAATCCATGGC  
 CTTTTACTGGATTTTACACTTTAGGGCCAGTCTCCCTAGTGTAAAGGCTTAACATTGCAAACTTTTCT  
 AATGCAGCATTTTTACTTTATATTTTATTTTGTAGCTTATGTGACTTTGTTTTGGGGAGAGGAGAAC  
 CCCTTTTGTAAAGATTTTGTCTTTGGGGACCTTGTCCCCGTTTTCTTTTAAACCATGCCCTTCCCTTTTGA  
 GCACCTTCCAGCCGGGTCTGGTCTCCCTGGCTGCACAGATGGCCCTGGCCAATGCAGATCTGGATTAG  
 TGGAGGGGTGAGGTGGGAGCCCTGGAACCTTCTGCCTTCGTGAGTTTCTATTAATGGCTGGTTCATTGC  
 CAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:**

Ascl-NotI

**ACCN:**

NM\_025880

**Insert Size:**

744 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:** BC059896, AAH59896

**RefSeq Size:** 4231 bp

**RefSeq ORF:** 744 bp

**Locus ID:** 668661

**Cytogenetics:** 7 B3