

## Product datasheet for MC224135

### 2210408I21Rik (NM\_001145676) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	2210408I21Rik (NM_001145676) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2210408I21Rik
Synonyms:	MGC107105
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224135 representing NM_001145676 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGATGCATTACAGGAATATCCATAATTCATTTGACCTGCAGTGTCTGTTAAATTCGTTTCCGGAG  
ATTTGGAGTTAAGCAGATCTTCAGTGACATTGGAGAACAGATGGAGCAAAATGCTGCAAGTATAGAACA  
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TGCTTCAAATGGCTAACTAGTTATAATTATAATTTATCTAAGTACCATCCATTTCCCATGGAGATTTAA  
TAACTTCTCAAACAATGAAAGATTTATTGAATAATGAAGACAACCATGAAGAATGATTCTGGATTT  
ACTCTGGGACCTCTCCTGTCAAAGCAGCATCTCTTTCCTGTCTCTCTGGGTGGGACAACCTTCTGTAC  
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AATCAGATTTAGAAAGAATTGTGTGGTACCAAAGTACTATGCTCATGTTATATTCAATGATAAAGA  
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AGAACCTGGTAGAGGCCTACAGTAAAGTGGCAACAGCTGTCTGGAAAGACTGCAGGAGAGAGGAAAGGA  
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TTTACAGGATGCTGAGAGCCACCCTGGGATGACTACAAAGCTTTTTATGAGGGGAAAGATGCTCCTTC  
GCCATCCAGATGTGGCATTACTTCAGCTTGGCTCTGCATCATGATCTCTGGACCATACTGCCCCCTAAGC  
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CCCGTGTCTGATCATCTGCTTCAGAGCATTCCACAAGGATGGAATTATATCCCAAGAGATTCCAGAGG  
GAAAGAGTCAAATAAAGGCATCACGGAGCTTGTGCTCAGGCAGTGTCTATTGCTCCTCAGCAAGTTACCT  
ACAGTGATTGCATGCTTGCCTCCACAATTAATACTTCTTTTTCTGTCTGAGAGAAAAATGTCAAAAA  
ATTTGGCTGAATTGAAGAAAGCTGGCCTGCTTGTCTGAACTTGATTATAATTATATGTCGGATATTTGA  
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AAAACAATGCGATGGTCTGGATCTCTGCCACAAACCAGGTGGCAGCAAGTACCTGCAGCAAAATTTATC  
ACATCATGCAGCTCAATGAGGAATATTTAAAAGAACAACCTGTTTGTATGAATGGCTCAGAAGAAAAGCC  
ATTACTCATCAGACCTTTGAAGGTAGCCTTGGGGATGAAGATCAGCCTCCTGCTTTAACCTTTTCAT  
GTGCATAAAGTGGTCAGTGAAGCATGCTAGATCAGGTGGCCACAGTACATGGTGTGCGACTGGTCAA  
ACTTGTGCCAAATTACCTAGGACTGAATAAGATGACCTTCGGTGCATTTCAAAAACAGTGGGAAAT  
GAGGAAAGATGAAACACTAGAAGAGAAAAGAAAATGATGCTTGAACATTTAAAACAGAAGTGTACCATA  
CAGGACTTTTCCACATCAGACAGCAAAAACCGAACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

**ACCN:**

NM\_001145676

**Insert Size:**

3819 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\\_001145676.1](#), [NP\\_001139148.1](#)

**RefSeq Size:** 4950 bp

**RefSeq ORF:** 3819 bp

**Locus ID:** 72371

**UniProt ID:** [Q3UPC7](#)

**Cytogenetics:** 13 C1