

Product datasheet for **MC220213**

Gm14085 (NM_001085518) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Gm14085 (NM_001085518) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Gm14085 |
| Synonyms: | OTTMUSG00000015615 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC220213 representing NM_001085518
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGAAGTCAGAGGGAAGAAAGTCTGTTTCCAGGCCAGAGTGGAGAATGGCATGGAGAACCAGGTC
 TCGAGCTCATGGAAGGTGAAATCTTGCGCAAAGAAACACACTAGAGGAAGTGACACAGGGACTCAGCCT
 GGAGGATGGCTTGGGTCATTCTCTCTCTGAGCAGGAGGATTTTTCAGCCTTTCACGAAGGCGAGAAGT
 TTCTTTGAAAGACATGCTGGTTTATTAGAAAAGATCCTGCTTGGTCTCTTGTGTTTAGCTTATGCTGCCT
 ACTTCTGGCAGCGTGCATCCTGAACCTCCAGAGGGCACTGGCCTTGTTTGCATCACCTGTCTTGTGTT
 CTTCAATTTCTGCTTACCCTTTCTGAAAAATCCCTGCTAAAAAATTAATAAGATGTCTAAGTTGCTTT
 AGAAACTTCTGCCTGAGACGTTGTCTGAAGTGGGTGTTGCCAGGAGCCTCTGTAGTTAGCCAGATCTTGT
 GGCTGGTTCTCGACACAGCTCAAAGGCCAGAGCAGCTGATCTCCTTTGCAGGAATCTGTATGTTTCATCCT
 CATCCTCTTTGCCTGCTCAAACACCACAGTGCAGTATGCTGGAGACGGTGTGTTTGGGGCTGGGCTT
 CAGTTCATCTTTGGGATTTTGGTCATCAGAACTGAACCTGGATTTAATGCATTTCAATGGCTGGGAGATC
 AGATCCAGATTTTCTGGCTTATACTGTGGAAGGATCCAGTTTGTGTTTGGTGATACACTGGTCTACAA
 TGTTTTGCTTTTTCAGTCTCTGCCAATCATTATTTTCTTCGGATGTGTGATGCTATTCTTTACTACCTG
 GGCCTTGTGCAGTGGGTGATTGAGAAGATTGCCTGTTTCTTCAAAGCAAGATGGGCACCACTGCTCCAG
 AAACCTGGCCATGGCAGGAAACATCTTTGTGGGGCTGACAGAAGTACCTCTGCTCATCCGTCCTACCT
 TGCAGACATGACCATCTGAAATCCATGCAGTCACTGAGGCTTGGCTACCATAGCAGGCACAATG
 TTGGGAGCCTTCATATCCTTTGGGATTGATGCATCCTTGTGTTTCTGCCTCAGTGTGCTGCCCCTT
 GTGCATTTGCCCTGTCCAACTGGTATATCCAGAAGTCAAAGAGTCCAAGTTCAAAGAGCAAGGAGGGACT
 GAAGCTGCCTCGAGGGGAAGAGAGGAATATCCTGGAAGCTGCAAGCAATGGAGCCACAGAAGCCATAAGC
 CTTGTTGCTAATGTTGCAGCCAACCTGATTGCCTTTCTGGCTGTATTGGCCTTCGTCATGCTACCTCT
 CCTGGCTGGGGAAATGGTGGATTTCCGTGGACTCAGTTTCCAGGTCATCTGCTCCTATATCCTAAGGCC
 CATGGCTTTTATGATGGCTGTACAGTGGACAGACTGCCTTCTGGTATTGAGATAGTGGGAGTCAAATTC
 TTCATAAATGAATTTGTGGCCTACCAGCAACTGATTGAGTACAAGAACAACAGTCTCTCTGGAGTAGAAG
 AGTGGATCAATGGCGAGAAACAGTGGATTTCTGTGAAAGCTGAAATCATTACAACATTTCCCTCTGTGG
 ATTTGCCAATCTTAGTTCCATAGGAATCACACTGGGAGGCTTGACATCCATGATAACCCAGAGGAAGAGT
 GACTTGTGCAAGATTGTGGTCAGGGCCCTTTACAGGTGCTGTGTTTCTTTATCAGTGCCTGCATGG
 CAGGAATCCTCTATGTTCCAGAGGCGCTGAAACTGACTGTGCTCATTCTAAACACAAAATTTACCCAA
 TAGGACCTATGAGACATATGTGTGCTGCAGAGAGCTTTTCCAGAGTACTTCGCTGAATGGACCAACATG
 CCTTCTTTCTCAGGCCCTGGCAAGACAACGTGTCCAGCCTCAGGAATCTTGCTAGCTGCTGTGACCTCT
 ATACCAGCACTGTGTGTCAT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001085518

Insert Size: 1983 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_001085518.1](#), [NP_001078987.1](#)

RefSeq Size: 3740 bp

RefSeq ORF: 1983 bp

Locus ID: 381417

Cytogenetics: 2 E5