

## Product datasheet for **MC228346**

### **C87436 (NM\_001243742) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C87436 (NM_001243742) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C87436
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228346 representing NM\_001243742  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAACCAAACCTCTCAGAGACTAAAGTCCCAGCTTTCTTATCTGACTTGGGAAGGCCACACTGAGGG  
 GAATCAGGAAGTGTCCCGATGTGGTAGGTTCAATGGAACCCGTGGGTTGAGCTGTAAAGAACAAGACATG  
 TGGAACCATATTTTCGCTATGGTGCCGAAAGCAGCCTAGCATTGAAGCTGTCAAATCATCACCGCTCT  
 GATCTACAGGTCTACTCTGTGCGACAGAGAGACCGAGGCCCGACTACCGATGCTTCGTGGAGCTCGGTG  
 TTTCGGAGACTGCAATCCAGACCGTGGATGGTACAATCATCACTCAGCTGAGCTCCGGCCGATGTTACGT  
 CCCCTCGTGTGAAAGCTGCCACTCAAGGCATTGTGGAAAACCAAGTGTCAACACATCAAGCTAGCGGTG  
 ACCTGCCAGGCGGAGGCCACCCCTCTGACCCTGAAGAGCTCAGTCTGAATGCTCTGCAGGCTGCCCCG  
 AAACCAAGCAGAGCCTCTGGCAGCTGGCCACCGAGCCACGGGGCCCTGGTACAGAGAGTCACTAAAA  
 CATTATGGTGGTAAAATGCAAAGCCAGCCAGAAGCACAACCTGGGCTACTTGCACGCGTCTTTCATGCAG  
 AAGATCAGCTCCAGAAGCTTGCCGAGCGCCGCTTCTTCTGCTCTGCCAGACTCTGAGGCCACACAAGT  
 CCAGCGTCCCCAAGGCTGAGGCAGCCCCAAAGTGCATCCATTTCTTTGCTTGTCTCTGTGCCTTTGCCAG  
 CGATGAGACATTGGCTCAGGAGTTCTCGGACTTTCTGAACTTCGATGCCAGTGGTCTTAAGGAGATAATT  
 GTGCCCATTTAGGCTGCCATGCAGAGTCATCTGTCTCAGCTTGTGAGTCTGCTGCCTCTAAGCCCCGGA  
 AGAGGAAGAAGGATGAAGTGTCTGGTGCACAGGTGAACAGTCACTGATGCCGAAGATGCAGTAAACAG  
 CAATCTAAGGAAGAGTGGCCTGAAAAGGCCTGTGGTTACGTATCATTGAAAAGGCACGTCTGTGGTCAG  
 CTGTTAGATGAGGCACAAGTACCCTGTCTTCCAAGACTGGCTGGCCAGTGTACAGAGCGCATCCATC  
 AAACCATGCATATCAGTTTGTGGCAAACAGAACCCCTGGTGTCCACATTCCTCAGTCTTTTTTTGA  
 TGCCTTGAACAGAGAATATCCATAGGAAGTGCAAAGAAGCGGCTCCCCAACTCCACTACAGCTTTTGT  
 CGGAAAGATGCCTTGCCACTGGGAACCTTTTCCAAGTACACCTGGCATATCACCAATATTCTGCAAGTCA  
 AACAAATCTTAGACACCCAGAGATGCCCTGGAAATCACACGTAGCTTTATCCAGAACCGGGATGGAAC  
 TTACGAGCTGTTAAATGCCCAAAGTGGAAAGTAGAGAACATAGCGGAAAGCTACGGCCGCATAGAGAAG  
 CAGCCTGTGCTGAGACCTTTGGAGCTGAAAACCTTCTCAAAGTTGGTAACTTCCCCAGATCAAAAGG  
 AGCCAACGCCCTTATCATTGAGTGGATCCCAGATATCCTCCACAGTCCAAGATTGGTGGAGCTTCGAAT  
 CAAGTTTGGATATGGTACCACCGGAATGGACATGTGGCTGACTACCAGGACCCAAGGCCACCCATGGAC  
 CAACCTTTGGAGCTGGCCCTCTGACTACTATCACTTTCCCT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001243742
- Insert Size:** 1725 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001243742.1](#), [NP\\_001230671.1](#)

**RefSeq Size:** 2569 bp

**RefSeq ORF:** 1725 bp

**Locus ID:** 232196

**UniProt ID:** [Q8R3C1](#)

**Cytogenetics:** 6 D1