

## Product datasheet for **MC218598**

### **BC038286 (BC070406) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BC038286 (BC070406) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC038286
Synonyms:	MGC47289
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC070406  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCGAGCAGCGGTGGCGGTAACACCGCGCGGGTGGCACCTCGGGCTGGGCCTGGGCCTGGGGCTGA  
GCCTCGGCATGGGTGAGGCCACTGGCGACGCGGAGGAGGAGGCGCCGCAGCCGAGGCAGTGGGACGTTT  
AGCTACGTCCCTGTGGCTGCGGCTCCGCGGCTGGGAGGCGGTGCTGGCGCCGCACAGCGACTGCTGGTT  
TGGGAGAAGCCGCTGCACAGCCTGGTACGCGCGCCACACTCAACGGCCTCTTCTGGTTGTTGTCTTCGT  
CGTCCCTCCGGCCCTTCTCCTGCTCAGCATCTCACTTTTGACCTATTTTCTACTGGATCTCTGGCATCC  
TCGCTTCTCCCTGACGTTTCAGCACCACCCCTGAAGAACCACACTCTGACAGTGAGGGTGGGGTCA  
GGCGCCACGCGCACCTGCTGAGTGTGCCGAGTTGTGCAGATACCTGGCTGAGAGCTGGCTCACCTTCC  
AGATTCACCTGCAAGAGCTGTTGCAGTACAAGAGGCAGAATCCAGCTCAGTTCTGCGCTCGGGGCTGCGC  
TGCTGTGCTGTGCTGGCTGTGTTGGGACACTATGTTCCGGGAGTTATGATTTCTACATTGTCTTGCTG  
AGTATCCTGCTGTGGCCCTGGTGGTCTATCACGAGTTGATCCAGAGGATGTATACTCGCCTGGAGCCCT  
TGCTCATGCAGCTGGACTACAGCATGAAAGCTGAAGCTGATGCCCTGCACCACAAACATGACAAGAGAAA  
GCGCAAGGGAAGAGTGCACCCAGCAGGAGATGAGCCACTGGCGGAAACAGAGAGTGAAGCGGAGCA  
GAGTTGGCTGGCTTCTCTCCAGTGGTGGATGTGAAGAAAACAGCCCTGGCCTTGGCTATTACAGACTCTG  
AGCTGTCAGATGAGGAGGCTCTATCTTAGAGAGCGGCGGTTTCTCTGTATCTCGGGCCACCACTCCACA  
ACTGACAGATGTTTCTGAAGATTTGACCAGCAGAGCCTGCCAAGTGAGCCAGAAGAGGCTCTGAACCGA  
GAGCTGGGGGAGGGGAAGAGACAGAGCTGGCCTCTCTGAAGACCTGCTAAGTGCCTCCAGCCCTCT  
CAAAGCAAGCTTTGGACACCGAAGAGGAGGGGCTGCAGACAAGGAAGCCTTGCTTCAGTCTCATCCCC  
TCTTCACTTTGTGAATACGCACTTCAATGGGGCAGGGTCCCCCAAGATGGAGTGAATGCCTCCTGGT  
GCACCAGTGAAGACCCTGAGCCAGAGGACAGACTCACCTCAACCCTGGCTGCTCCTGAGGAGGAAGAGG  
CACTCACAAGTGAAGACTTTGAGTTGCTGGATCAGGGGAGCTGGAGCAACTGAATGCAGAGCTGGGCTT  
GGGACCAGAGATGCCTCCAAGCCCTGATGTTCTGCCTCCTCCTCCCCGGGGCAGACAGCCATTCC  
CTGGTACAGTCAGACCAAGAGGCTCATGCAGAGGTTGAGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC070406

Insert Size: 1515 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:** [BC070406](#), [AAH70406](#)

**RefSeq Size:** 2455 bp

**RefSeq ORF:** 1514 bp

**Locus ID:** 227298

**Cytogenetics:** 1 C4