

## Product datasheet for **MC216578**

### **C87414 (NM\_001164284) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C87414 (NM_001164284) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C87414
Synonyms:	MGC60750; MGC91124; MGC103218
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216578 representing NM\_001164284  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGTGGTCAGACCCACCCACACACTCTGCTGACACATGAAGCTTTGATCATGTCCTCTCTGGAGG  
AGTTGCCTACTGTGGTCTTCCCAGCACTATTCAAAGAGGCCTTTGCTGGCAGACACACCAATCTCCTAAA  
GGCAATGGTGGCAGCCTGGCCTTTCCCTGTCTCCCTGTGGGGCCATTGATGAAGAAGCCTAACCTAGAA  
ACCTTGCAAGCCCTGCTAGATGGAATAGACATGCGACTGACAAGAGAGTTTCACCCAGGAGGGCAAAC  
TTCAGGTTCTTGACATGAGAAATATGTACCATGCCTTCTGGAACATACGGGCTGATGCAAAATGACAGTGA  
CTGTAATCAAAGACATTGGATGAAAAGCAGCTAGTGAAGGTCTTCCGAGATATGCACGGAGGCAGCGT  
CTGAAGGTCATAGTCAACCTGTCAATCAGTTCCCACTTCAATAAATCAAAGGCATATTTCTGAATTGGG  
CCAAGCAGAGAATAGGATCCCTATATTTCTGCTGTATAAAGATGAGGATCTGGACCCACCAGACCAAGT  
TATCAGAGACATCTTAAATGTTTTGATCCAGAGCACATCACAGAATTAGAACTGAATACTGACTGGACT  
CTGTTACAGCTTGACATTTTGCTTCTACTTTGGGCACATGAAAAATCTCAAAAAGTCTTCTGGCAC  
CACTCCACAAGAATACATCCCCTATTATCAATATAACAAATGCCACAGAAGCCAAGTGTGTTCAATAAAT  
TATTTCTCAGTTTTCCCAATTCAACTGTCTCCAGCATATCTTATGAAACACGTCCATTTCTAAGAGAC  
TACATGAATCAGGTCCTAGGGTGCCTGATGACACCCTTGAGACCCTCTCCATCACTCAATGCCTAATTT  
CACAGAGAGACTTTGATTTATTTTCTGCTCCCAAAACCTCTTAAATTAACAACTCTGGAATAAGAGG  
GATGATCTTATATGCTTTGGATCTTATGCCTCTGAGAGTTCTCCTAGAAAAAGTAGCAGACACTCTTGAG  
ATTCTGGATTTTCAGTGGTGTAGGATGAAGGACTCCAGATCAATGCCCTCTACCTGCCCTCAGTCAAT  
GTACTCAGCTCAACCAGATCAACTTCTACAACAATGACTTCTCCATGTGCACCCTGAAGGCCCTTTTCCA  
GCACACGCCAACTGGAGCAAGATGAATGTGGAACAATACCCTGCCCTCTGCAGTGCTATAGTGAGTTG  
GGTCATGTCTCTGTAGAAAGATTTGTCCAATTTGTGAGGAGCTCATGTATACTCTCAGAGCTATAAGGC  
AGCCCAAGAGCATCTCTTTGCTACAGATAACTGTCAAAAATGTGGTAAGCCCTGTGCTATGACCAGGG  
CCCAATACTTTGTTCTTGTTCAGTAA

**ACCGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001164284

**Insert Size:** 1428 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\_001164284.1, NP\_001157756.1  
RefSeq Size: 2719 bp  
RefSeq ORF: 1428 bp  
Locus ID: 381654  
Cytogenetics: 5 E2