

## Product datasheet for **MC217074**

### **Bivm (NM\_144558) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bivm (NM_144558) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bivm
Synonyms:	A1854267
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217074 representing NM\_144558  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCCTAACGCCACTGAAGCTGGAAAAGCCACTGATCCTGGACATGGTGAGCACACATCTGAGAACAAGT  
CACCAGAAGAGGGTCTACAAGGTGCTGTACCATCTTTCTATACAAGTGCCTCAGAAGCACCCATAGCGCC  
CAGAGGAGATGGCATTATCCATCGAGTTGTCCAGTGACTCACACTCGAGAGAAAATTTATGCGATCTGC  
TCAGATTATGCCTTCTCAACCAGGCAACATCAGTCTACAAAACCTAGCCTAACCCGCTCTGCTTGCC  
TCCCTGATAACACCTCTCTTTCTGCTGGAAATACTACAAGATATATTGGAATTTCAACTAGTACATCAGA  
AATAATCTATAATGAAGAAAATAACTTGGAAAACCTGTCCACTGGCATGGGCAAGCTACCTCTTGATGG  
GAGATTGATAAATCTGAATTTGATGGGGTGACTACAAATTTGATACATAAGTCAGGCAATGTAAGAAAC  
AATTTTCCAAGAAGAAAACGTCGGATAAAAAAGGGCGGCATCAGAGGGAGTGTCTCCACTATTCTCCTCT  
TGATGATGTTAAACAACGCAAAGTGTAGACCTTAGGCGATGGTACTGCATAAGCCGACCACAGTACAAG  
ACTTCATGTGGTATCTCCTCATTGATTTCTTGTGGAAATTTCTTATACAGCATAATGGGAGCTGGGAATC  
TCCCACCTATTACCCAAGAAGAGGCATTACATATTTGGGCTTCCAACCCCATTTGAAGATATTAGGTT  
TGGCCCTTCACTGGAAATACAACACTCATGAGATGGTTAGACAAATTAATGACCACTTTCATGTGAAA  
GGATGCTCTTATGTTCTATATAAGCCCCATGGGAAGAACAAAACAGCTGGAGAACTGCTCCAGGGGCC  
TATCAAAGTTGACCCGAGGATTGAAAGATGAGTCACTGGCTTATATCTATCATTGCCAAAATCACTATTT  
CTGTCCAATTGGCTTTGAAGCAACCCCTGTGAAAGCTAATAAAGCATTACAGAGGGGGCCCTCTCTTCA  
CAAGAAGTAGAATACTGGATTTAATTGGAGAGTCAAGTAGAAAACATCCTGCCATTCACTGTAAGAGT  
GGCAGATATTGTCAGTCACTGATCTAAACACTCAAAATCCAGAATTTAGATATCCGACATCTAGAGAGGG  
GCTGCAGTTCGGAAAACAAGAAGGTTGGAGGAAATTTGCATTGCATCATAGCATTCCAGAGACTCAGT  
TGGCAGAGATTTGGCTTTTGGAACTTTCCATTTGGAACATTACACAAGAATCACAAACATCCACACATG  
TCCCGGAATTGCCAAATCTGAGAGTGAGGACAATATCTCTAAGAAGCAGCATGGGCGCCTGGCAGGTC  
CTTCAGTGCAGTTTCCATCAGGACTCGGCATGGAAGAACATGTCTAGCATCCACGAGAGGAGGAACAGT  
GGCTACCACAGCTTTAGAGATTATAATGGCAATGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_144558

**Insert Size:** 1509 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\\_144558.4](#), [NP\\_653141.3](#)

**RefSeq Size:** 3571 bp

**RefSeq ORF:** 1509 bp

**Locus ID:** 246229

**UniProt ID:** [Q8CBX9](#)

**Cytogenetics:** 1 C1.1