

Product datasheet for **MC228076**

Bin2 (NM_001270537) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bin2 (NM_001270537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bin2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228076 representing NM_001270537
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGAGGGCAAGCGGGCGGAGCGGCTGGCCTCTTCGCCAAGCAGATGCAGAAGAAGTTCAGCAGGG
 CCCAGGAGAAGGTTCTGCAGAAATTGGGAAAACCGTAGAAACCAAGACGAGCGATTTGAACAAAGTGC
 CAGCAACTTCTACCAACAGCAGGCAGAAGGCCACAAGCTGTACAAGGACCTGAAGAAGTTCCTTAGTGCA
 GTCAAAGTGATGCATGAAAGCTCAAAGAGAGTATCAGAGACCCTGCAGGAGGTCTACAGCAGCGACTGGG
 ATGGGCATGAGGACCTGAAGGCCATTGTGGGAAACAATGACCTCCTTTGGGAAGACTATGAAGAGAACT
 GGCTGACCAGGCCTTGAGGACCATGGAGAATTATGTGTCGAGTTCAGCGAGATTAAGGAGAGGATTGCC
 AAGCGGGCCGGAACCTGGTAGACTACGATAGTCCCGCCATCACCTGGAGGCCGTGCAGAATGCTAAGA
 AGAAGGATGACGCCAAGATGGCTAAGGCAGAAGAAGACTTCAGCAAGGCCAGATTGATTTGAAGATCT
 GAACCAGGAACCTCTGGAGGAGTTGCCATTCTTTATAACAGTCGTATTGGCTGCTATGTGACTGTCTTC
 CAAAACATTTCCAACCTGAGAGACGTCTTCTACAGGGAGATGAGCAAGTTGAACCAACATCTCTACGAAG
 TGATGAGCAAACCTGGAGAAAACAATTCCAACAAAGTCTTTGTGGTGAAGGGCCTGTCAAGCAGCAGCCG
 GCGCTCCTTAGTCATCTCTCCCCAGTACAAAGCTGTGCAGCCTCCAGCCCTGTCAGCCCTGTCAGCCCT
 GTCAGCCCCGTGACCTCACCCACTAGCCCTCTGCGACCAGTGAGCCTGAGTCTGTCTCAGCCACGGGAG
 AGGAGCTGACCTCTGAGGCAGGGGGAGAGGACAGCTGTGAGAGTCAAGAGTCCTTAAAGGATGAAGAAGC
 GGATGAAGCCCAGTCAGAAACAAGCTCGTCAGAGGAGGAGGACGAGGAGGACGAGGAGGATGAGGAGGAT
 GAGGAAGAGCCTCTACCAGCCTGCAACGGCCCCACCCCGGCCAGCCTCTCTGCAGCTGAGGTCGGAT
 CCCAGGGAAGCTCTGAGCTCCTCAGCTCAGTCTCCGGGCAGAGGTGAGACAGGGAAGGATACTCCTTC
 CCCGGGGGATGTGGTCTCCGTGCCGAGCCTCCAGCGAGGAGCAGAGCAGAGCAAAAGAGCAGCATCC
 ATCCAGAGGACGTGAGTCCGCCAGCAGGCTCCGCCACCCAGAGCCTCAGGCAGCGGGTCTTGAATG
 CCCCAGGCTCTCCAGAGGTTCTTACAGCTGTGCAGCCCCAGGGCTCCCCAGACGCCTTTCTAATCC
 AGAACCAGCAGAAACCAGAGAAAAGGAAGGCGCTGGAAGTTCAGGCCAGAAAGAGCCCCGTGCCGTCTCT
 ACCAAGAGCGCCACCCAGGTATTTACCAGTGAAAAACGGAGCT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001270537
- Insert Size:** 1518 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001270537.1](#), [NP_001257466.1](#)

RefSeq Size: 1978 bp

RefSeq ORF: 1518 bp

Locus ID: 668218

Cytogenetics: 15 F1