

Product datasheet for **MC200131**

Mod1 (BC003287) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mod1 (BC003287) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mod1
Synonyms:	D9Ertd267e; Mdh-1; Mod-1; Mod1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC003287
 CGCCCCGCCACCGTACCAGCCATGGAGCCCCGAGCCCCCGCCGCCGACACCCACCAGCGCGGTACC
 TGCTGACGCGGGACCCGCATCTCAACAAGGACTTGGCTTTTACTCTGGAAGAGAGACAGCAATTGAACAT
 TCATGGATTGTTGCCGCCCTGCATCGTCAGCCAGGAGCTCCAGGTCCTTAGAATAATTAAGAATTCGAG
 CGACTGAACTCTGACTTCGACAGGTATCTTCTGTTAATGGACCTGCAAGACAGAAATGAGAAGCTCTTCT
 ACAGCGTGCTCATGTCTGATGTTGAAAAGTTTCATGCCTATTGTTTACACCCCCACCGTGGGCCTTGCATG
 CCAGCAGTACAGTTTGGCATTCCGGAAGCCAAGAGGCCCTTTTATTAGTATCCATGACAAAGGGCACATT
 GCTTCAGTTCTTAATGCATGGCCAGAGGATGTCGTTAAGGCTATTGTGGTAACTGACGGAGAGCGCATCC
 TTGGCTTGGGAGACCTTGGCTGTAATGGGATGGGCATCCCTGTGGGTAATACTGGCCCTGTACACGGCATG
 TGGAGGGGTGAACCCACAACAGTGTCTACCCATCACTTTGGATGTGGAAACAGAAATGAGGAGTACTT
 AAGGATCCACTGTACATCGGGCTGCGGCACCGCGAGTCAGAGGCCCTGAGTATGACGCCTTCTGGATG
 AGTTCATGGAGGCAGCGTCTTCCAAATATGGCATGAATTGCCTTATTTCAGTTTGAAGATTTGCCAATCG
 GAATGCATTTTCGTCCTGAACAAGTATCGAAACAAGTATTGCACATTTAACGATGATATCAAGCGTCT
 GTTGCGGTTCGGGTCTCCTTGACGCTCTTGAATAACCAAGAACAAGCTCTCTGATCAGACAGTGTGT
 TCCAGGGAGCTGGAGAGGCTGCCTTGGGATTGCTCACTTGGTTGTTATGGCCATGGAGAAAGAAGTTT
 ATCAAAGGAGAATGCTAGAAAGAAGATATGGTTGGTTGACTCAAAGGACTAATAGTTAAGGGTCGGGCT
 TCTCTCACAGAAGAGAAAGAGGTGTTTGGCCATGAACATGAAGAAATGAAGAATCTGGAAGCCATTGTT
 AAAAGATAAAAACCAACTGCCCTCATAGGAGTTGCTGCAATTGGTGGTGTCTTCACTGAACAAATCTCAA
 GGATATGGCTGCCTTCAACGAGCGGCCATCATCTTGTCTTGGCAATCCGACCAGCAAAGCGGAGTGC
 TCTGCAGAGCAGTGTACAAGGTGACCAAGGGACGTGCAATCTTGGCCAGCGGCAGTCTTTTATGCCAG
 TCACTCTCCAGATGGACGGACTCTGTTTCTGGCCAAGGCAACAATCCTACGTGTTCCCTGGAGTTGC
 TCTTGGGGTGGTGGCCTGCGGACTGAGACACATCGATGATAAGGTCTTCTCACCAGTGTGAGGTCATA
 TCTCAGCAAGTGTGAGATAAACACCTGCAAGAAGGCCGGCTCTATCCTCTTTGAATACCATTTCGAGACG
 TTTTCGTTGAAAATTGCAAGTAAAGATTGTGCAAGATGCATACAAAGAAAAGATGGCCACTGTTTATCCTGA
 ACCCCAAAACAAAGAAGATTTGTCTCCTCCAGATGTACAGCACTAATTATGACCAGATCCTACCTGAT
 TGTATCCGTGGCCTGCAGAAGTCCAGAAAATACAGACCAAAGTCAACCAGTAACGCAACAGCTAGGATT
 TTTAACTTTATTAGTAAAATCTTGAAGTTTTCATGATCTTTAAGGGTCAGAAATCTTTTATGATGATT
 AGTGTGCTTAGAATAAGGTGATTTTAGTTAATAACAACTCATGGGAGTCTATTAGGATAAATTAGGAT
 AAATTTACACCAGACGGTTTTTGTTCCTTACTGTGGATATTTATGTTTCTCTTGTGATTATTCTCTT
 TATGAATTCTGTTTAAAAGCTACTGTACCTGCTGCTGAGAAAGTCTCCTACTGATATGTAGGAAGCTAATG
 GAAGACCCACACTAGTAATAAATTAATATAGCATAACTTGATTACAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC003287

Insert Size: 1713 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: [BC003287](#), [AAH03287](#)

RefSeq Size: 2089 bp

RefSeq ORF: 1713 bp

Locus ID: 17436

Cytogenetics: 9 46.58 cM