

Product datasheet for **MC200950**

Me1 (NM_008615) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Me1 (NM_008615) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Me1
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: >BC011081 sequence for NM_008615
 CCGACGCGTGGGCACGGCCGCGCCCGCCGCACTCCGCGTCCGCCCGCCACCGTGCCAGCCATGGAGCC
 CCGAGCCCCCGCCGCGGACACACCCACCGCGGCTACCTGCTGACGCGGGACCCGCATCTCAACAAG
 GACTTGGCTTTTACTCTGGAAGAGAGACAGCAATTGAACATTCATGGATTGTTGCCGCCCTGCATCGTCA
 GCCAGGAGCTCCAGGTCCTTAGAATAATTAAGAATTTTCGAGCGACTGAACTCTGACTTCGACAGGTATCT
 TCTGTTAATGGACCTGCAAGACAGAAATGAGAAGCTCTTCTACAGCGTGCTCATGTCTGATGTTGAAAAG
 TTCATGCCTATTGTTTACACCCCAACCGTGGGCTTGCATGCCAGCAGTACAGTTTGCCATTCCGGAAGC
 CAAGAGGCTCTTTATTAGTATCCATGACAAAGGGCACATTGCTTCAGTTCTTAATGCATGGCCAGAGGA
 TGTGTTAAGGCTATTGTGGTAACCTGACGAGAGCGCATCCTTGGCTTGGGAGACCTTGGCTGTAATGGG
 ATGGGCATCCCTGTGGGTAACTGGCCCTGTACACGGCATGTGGAGGGGTGAACCCACAACAGTGTCTAC
 CCATCACTTTGGATGTGGGAACAGAAAATGAGGAGTTACTTAAGGATCCACTGTACATCGGGCTGCGGCA
 CCGGCGAGTCAGAGGCCCTGAGTATGACGCTTCTGGATGAGTTCATGGAGGCAGCGTCTTCCAAATAT
 GGCATGAATTGCCTTATTCAGTTTGAAGATTTTGCCAATCGGAATGCATTTCTGCTCCTGAACAAGTATC
 GAAACAAGTATTGCACATTTAACGATGATTTCAAGGAACAGCGTCTGTTGCGGTTGCGGGTCTCCTTGC
 AGCTCTTCGAATAACCAAGAACAAGCTCTCTGATCAGACAGTGTGTTCCAGGGAGCTGGAGAGGCTGCC
 TTGGGGATTGCTCACTTGGTTGTTATGGCCATGGAGAAAGAGGTTTATCAAAGGAGAATGCTAGAAAGA
 AGATATGGTTGGTTGACTCAAAAGGACTAATAGTTAAGGGTGGGCTTCTCTCACAGAAGAGAAAGGTT
 GTTGGCCATGAACATGAAGAAATGAAGAATCTGGAAGCCATTGTTCAAAGATAAAACCACTGCCCTC
 ATAGGAGTTGCTGCAATTGGTGGTGCTTCACTGAACAAATTCCTCAAGGATATGGCTGCCTTCAACGAGC
 GGCCCATCATCTTTGCTTTGAGCAATCCGACCAGCAAAGCGGAGTGCTCTGCAGAGCAGTGCTACAAGGT
 GACCAAGGGACGTGCAATCTTTGCCAGCGGCAGTCTTTTTCATCCAGTCACTCTCCAGATGGACGGACT
 CTGTTTCTGGCCAAGGCAACAATTCCTACGTGTTCCCTGGAGTTGCTCTTGGGGTGGTGGCCTGCGGAC
 TGAGACATCGATGATAAGGTCTTCTCACCAGTCTGAGGTGATATCTCAGCAAGTGTGAGATAAACA
 CCTGCAAGAAGGCGGCTCTATCTCTTGAATACCATTTCGAGACGTTTCGTTGAAAATTGCAGTAAAG
 ATTGTGCAAGATGCATACAAAGAAAAGATGGCCACTGTTTATCCTGAACCCCAAAACAAAGAAGATTTG
 TCTCTCCAGATGTACAGCACTAATTATGACCAGATCCTACCTGATTGTTATCCGTGGCCTGCAGAAGT
 CCAGAAAATACAGACCAAGTCAACCAGTAACGCAACAGCTAGGATTTTTAACTTTATTAGTAAATCTT
 GAAGTTTTTCATGATCTTTAAGGGTCAGAATCTTTTATGATGATTGATGCTTAGAATAAGGTGATT
 TTAGTTTAAATAACAACTCATGGGAGTCTATTAGGATAAATTAGGATAAATTTACACCAGACGGTTTTG
 TTTCATTAAGTGTGGATATTTATGTTTTCTTGTGATTATTCTTTATGAATTCTGTTTAAAGCTAC
 TGTACCTGCTGCTGAGAAAGTCTCACTGATATGTAGGAAGCTAATGGAAGACCCACACTAGTAATAAT
 TAATATAGCATAACTTGATTACAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008615

Insert Size: 1719 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.

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

RefSeq: [BC011081](#), [AAH11081](#)

RefSeq Size: 2138 bp

RefSeq ORF: 1719 bp

Locus ID: 17436

UniProt ID: [P06801](#)

Cytogenetics: 9 46.58 cM