

Product datasheet for **MC228270**

Me1 (NM_001198933) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Me1 (NM_001198933) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Me1
Synonyms:	D9Erttd267e; Mdh-1; Mod-1; Mod1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228270 representing NM_001198933
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGACTGATCTGCGAAGACTTGGCTTTACTCTGGAAGAGAGACAGCAGTTGAACATTATGGATTGT
TGCCGCCCTGCATCATCAGCCAGGAGCTCCAGGTCCTTAGAATAATTAAGAATTTGGAACGACTGAACTC
TGACTTCGACAGGTATCTCCTGTTAATGGACTGCAAGACAGAAATGAGAAGCTCTTCTACAGCGTGCTC
ATGTCTGATGTTGAAAAGTTCATGCCTATTGTTTACACCCACCGTGGGCTCGCATGCCAGCAGTACA
GTTTGGCATTCCGGAAGCCAAGAGGCTCTTTATTAGTATCCATGACAAAGGGCACATTGCTCAGTTCT
TAATGCATGGCCAGAGGATGTCGTCAGGCTATTGTGGTAACTGATGGAGAGCGCATCCTTGGCTTGGGA
GACCTTGGCTGTAATGGGATGGGCATCCCTGTGGGTAACCTGGCCGTGTACACGGCATGTGGAGGGTGA
ACCCACAACAGTGTCTACCCATCACTTTGGATGTGGGAACAGAAATGAGGAGTTACTTAAGGATCCACT
GTACATCGGGCTCGGCCACCGGCGAGTCAGAGGCCCTGAGTATGACGCCCTCCTGGATGAGTTCATGGAG
GCAGCGTCTTCCAAATATGGCATGAATGCCTTATTCAGTTTGAAGATTTGCCAATCGGAATGCATTTT
GTCTCCTGAACAAGTATCGAAACAAGTATTGCACATTTAACGATGATATTCAAGGAACAGCGTCTGTTGC
GGTTGCGGGTCTCCTTGCAGCTCTTGAATAACCAAGAACAAGCTCTCTGATCAGACAGTCTGTTCCAG
GGAGCTGGAGAGGCTGCCTTGGGGATTGCTCACTTGGTTGTTATGGCCATGGAGAAAGAAGGTTTATCAA
AGGAGAATGCTAGAAAAGAAGATATGGTTGGTTGACTCAAAGGACTAATAGTTAAGGGTCGTGCATCTCT
CACAGAAGAGAAAAGGTTTGGCCATGAACATGAAGAAATGAAGAATCTGGAAGCCATTGTTCAAAG
ATAAAACCAACTGCCCTCATAGGAGTTGCTGCAATTGGTGGTCTTTCACTGAACAAATCTCAAGGATA
TGGCTGCCTTCAACGAGCGGCCATCATCTTTGCTTTGAGTAATCCGACCAGCAAAGCGGAGTCTGTC
AGAGCAGTGCTACAAGGTGACCAAGGGACGTGCAATCTTTGCCAGCGGCAGTCTTTTGATCCAGTCACT
CTCCAGATGGACGGACTCTGTTTCTGGCCAAGGCAACAATTCCTACGTGTTCCCTGGAGTTGCTCTTG
GGGTGGTGGCCTGCGGACTGAGACACATCGATGATAAGGTCTTCTCACCCTGCTGAGGTGATATCTCA
GCAAGTGTGAGATAAACACCTGCAAGAAGGCGGCTCTATCCTCCTTTGAATACCATTGAGGCGTTTTCG
TTGAAAATTGCAGTAAAGATTGTGCAAGATGCATACAAAGAAAAGATGGCCACTGTTTATCTGAACCC
AAAACAAGAAGAATTTGCTCCTCCAGATGTACAGCACTAATTATGACCAGATCTACCTGATTGTTA
TCCGTGGCCTGCAGAAGTCCAGAAAATACAGACCAAAGTCAACCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001198933

Insert Size: 1659 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.

RefSeq: [NM_001198933.1](#), [NP_001185862.1](#)

RefSeq Size: 3335 bp

RefSeq ORF: 1659 bp

Locus ID: 17436

UniProt ID: [P06801](#)

Cytogenetics: 9 46.58 cM