

## Product datasheet for **MC205582**

### Me2 (NM\_145494) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Me2 (NM_145494) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Me2
Synonyms:	AW120568; D030040L20Rik; NAD-ME
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC004709  
TGGCAGGGTGGCGCCAGGGCCGAGCATCTCCGGCTGTAGCGCCGCGGCTCTCTGCTTGCTGCACCACCT  
GGCACGGGCCAGGCGTCCGGGGAGAGAAGATGTTTTCCCGGCTAAGAGCTGTTACCACTCCTTGTACCTT  
GACCTGCCGCCGAGTGCACCTGAAAGAGAAGGGCAAGCCACTCATGTTGAATCCAAGAACAACAAGGGA  
ATGGCGTTTACGTTACAAGAGCGACAAAATGCTTGGTCTTCAAGGACTTTTACCTCCTAAAAATAGAGACAC  
AGGATATTCAAGCCTTACGATTCATAGAACTGAAAAAATGACTAGCCCTTTGGAAAAATACATTTA  
TATAATGGGCATCCAAGAAAGAAAATGAGAAACTGTTCTATAGAATCCTGCAGGATGATATTGAAAGTCTG  
ATGCCGATTGTGTACACGCCAACAGTTGGTCTTGCCTGCTGTCAATATGGGCACATCTTTAGGAGACCTA  
AGGGATTGTTTATTTCAATCTCAGACAGAGGTCATGTTAGATCAATTGTGGATAACTGGCCAGAAAATCA  
TGTTAAGGCTGTTGTGGTACTGATGGAGAGAGGATCCTGGGCTTGGCGATCTGGGTGTCTATGGAATG  
GGGATTCCAGTAGGGAAGCTGTGCCTGTATACAGCCTGTGCAGGGATACAGCCCGAGAAGTGCCTGCCCG  
TGTGCATCGAGTGGGCACTGATAACATGGCACTATTAAGATCCGTTTTATATGGGCTGTATCAGAA  
GCGAGATCGTTCCAGCTCTATGATGATCTGATGGACGAGTTTATGAAGGCGATTACTGACAGATACGGC  
CGGAACACACTCATTAGTTTGAAGACTTTGGAATCATAATGCATTAGGTTCTTAAGAAAATATCAAC  
AAAAATACTGTACCTTCAATGATGACATTAAGGGACAGCTGCAGTTGCTCTGTCTGGTCTTCTTCCGGC  
CCAAGAGTTATTAATAAACAGTCTCAGAACACAAAATCTTATTTCTTGGAGCAGGAGAAGCTGCACCT  
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TCTGGATGTTTGACAAGAGTGGCTTGTGGTAAAGGGCGGACTGCTAGCATAGATAGCAACCAGGAACC  
ATATGCCCATGCGGCCCCAGAGAGCATACCTGCGACTTTTGAAGATGCAGTAAATAAACTTAAGCCTTCA  
GTTATAATTGGAGTGGCAGGTGCCGGCCCGCTTTTACTCACGGTGAATCAAAGCCATGGCCTCTATCA  
ACGAGAGACCTATAATTTTGTCTAAGTAATCCTACAGCACAGGCCGAGTGCACAGCCGAGGACGCGTA  
CACGCTCACAGAGGGCAGGTGTCTGTTTCCAGTGGCAGCCCATTTGAGCCAGTAAAATCCAGGATGGA  
CGAGTCTTCAACCCAGGCCAAGGAAACAATGCATATATTTTCCAGGTGGCTTTAGCTGTTATTCTCT  
GTGAAGCCCGACACATCAGTGACACCGTTTTCTTAGAAGCTGCAAAGGCGCTGACGACTCAGTTGACAGA  
TGACAGATTAGCCCAAGGAGGCTTTACCCGTCGCTGGCTAATATTCAGGAAGTTTCTGCTAACATAGCT  
ATTAAACTTGACAGTACCTGTACGCTAATAAAATGGCCTTCCGGTACCCAGAACCAGGACAAGGCCA  
GATACGTGAGAGAGAGAAATAGGCGGAGCAACTACGTTTCCCTGCTGCCGGACGTGTATGACTGGCCAGA  
GTCTTCACTGACGCTCCTCAGATCACAGAAGAGAAGCTTCCCACTGAGACGCTCCGGCCTTCCAGGAA  
CCACTATTTTTAGACAAAAGATAATATTTCTGAGTTACGGTGTCTGTGGTTTATTCTTCCGTACC  
CACTTTGCTTGGCTTTTTTTTTTCCCTGTGAATCTCAGTTTCGTTGGGACAGACATGCTGGCTATACT  
GTAGTGCCACAGCCAGTTCTGGGAATCGTCCGTTCCGATGGGTGCGCTCCTGCGCTGCTTTAAGC  
TTGCGACGGTACTGTGCTGTTAACGTGAATGTATCTCTCACTTCCCCCTCAGCCCTCCAGTGCTGTGC  
ACGTGAGCACAGAACGTTGAGAAGGAGTGAAGTGTCCACAAATCCAAAGAAAATTTGTCAGCACCAAGA  
AACTGCTCTGTTCTTGTCACTTTCTGCTCTGATGTCCCTTTGTAGTTAGACAGATTTGGGAAAATACAAA  
AAAAAACTTCTAGAATAAATCAGTGCTAACTAGCATTATAGAAGAGTGGGAGGAGCCACTGCTGCCTT  
TAGACAAACTGGACTGTCACGTGCAACAGTGTACAAAACCCACTTTTATTAATAAAAGTAATTCCTTACA  
TTTAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_145494

**Insert Size:** 1770 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:** [BC004709](#), [AAH04709](#)

**RefSeq Size:** 2475 bp

**RefSeq ORF:** 1770 bp

**Locus ID:** 107029

**UniProt ID:** [Q99KE1](#)

**Cytogenetics:** 18 E2