

Product datasheet for **RN206940**

Me2 (NM_001107376) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Me2 (NM_001107376) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Me2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206940 representing NM_001107376
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTTTCCCGTTAAGAGCTGTTACCACTCCTTGACCTTTGACCTGCCGCAGAGTGCACCTGAAGGAGA
 AGGGCAAGCCACTCATGTTGAATCCAAGAACAACAAGGGATGGCGTTTACATTACAAGAACGACAAAT
 GCTTGGTCTTCAAGGACTTTTACCTCCTAAAATAGAGACACAGGATATTCAAGCCTTACGATTCCATAGA
 AACTTGAAAAAATGACTAGCCCTTTGGAAAAATACATCTATATAATGGGCATACAAGAAAGAAACGAGA
 AACTGTTTTATAGAATACTACAGGATGATTTGAAAGTCTGATGCCAATTGTGTACACACCAACAGTTGG
 TCTTGCCTGTTGTCAATACGGACATATCTTTAGGAGACCTAAGGGATTGTTTATTTCAATCTCAGACAGA
 GGTCAATGTAGTCAATTGTGGATAACTGGCCAGAAAATCATGTTAAGGCTGTTGTGGTACTGATGGAG
 AGAGAATCCTGGGACTTGGAGATTTGGGTGTCTATGGAATGGGGATTCCAGTCGGGAAGCTTTGCTTGTA
 TACAGCATGCGCAGGAATCCAGCCTGAGAAATGCCTGCCTGTGTGCATCGATGTAGGACTGATAACATG
 GCTCTACTGAAAGACCCGTTTTATATGGCTTGTATCAGAAGCGAGACCCGCTCCAGCTCTATGACGATC
 TGATGGATGAGTTTATGAAGCGCATCACTGACAGATATGGCCGGAACACACTTATTCAGTTTGAAGACTT
 TGGAAATCATAATGCATTGAGTTCTTAAAAAATACCAGGAAAAATACTGTACCTTCAATGACGACATT
 CAAGGGACTGCTGCAGTTGCCTTGTCTGGTCTCCTTGGCGCCAAAGAGTGATTAATAAACCAATCTCAG
 AACACAGAATCTTATTCCTCGGGCAGGAGAGGCTGCACCTTGGAAATGCGAAGCTTATAGTCATATCAAT
 GATGGAAGTGGTCTCTCAGAAGAGGAGGCACAGAGAAAGATCTGGATGTTGACAAGAACGGCTTGCTA
 GTTAAGGGCCGGACTGCTAGAATAGATAGTAACCAGGAACCATATGCTCATGCTGCCTCAGAGAACATAC
 CTGCAACCTTTGAAGATGCAGTAAATAAACTTAAGCCTTCAGTTATAATTGGAGTGGCAGGTGCTGGCCC
 GCTTTTTACTCCTGGCGTAATTAAGCCATGGCCGCTATCAACGAGAGGCCATAATATTTGCTTTAAGC
 AATCCTACAGCACAGGCCGAGTGCACCTGCCAAGACGCTTACACACTTACAGAGGGCAGGTGCTTGTGTTG
 CCAGTGGCAGCCATTTGAGCCGGTGGAGTCCAGGATGGGCGTGTCTTACCCCGGGCCAAAGGGAACA
 TGCATACATCTTCCAGGTGTGGCTTTAGCTGTTATTCTGTGAAGCCCGACACATCAGTGACACCGTT
 TTCTTAGAAGCTGCAAAGGCACTGACATCCCAATTGACAGATGAAGAGTTAGCCCAAGGGAGGCTTTACC
 CATCACTTGCTAATATTCAGGAAGTTTCTGCTAACATAGCTATTAATAATGCAGAGTACCTGTACGCTAA
 TAAATGGCTTTCCGATACCCAGAGCCCGAGGACAAGGCCAAATATGTGAAGGAAAGGATATGGCGGAGT
 AATTATGTTTCCCTGCTGCCAGATGTGTATGATTGGCCAGAGTCGTCATTGAAGCCTCCGCAGATACCAG
 AATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107376
- Insert Size:** 1755 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: [NM_001107376.2](#), [NP_001100846.2](#)

RefSeq Size: 2899 bp

RefSeq ORF: 1755 bp

Locus ID: 307270

Cytogenetics: 18q12.2