

Product datasheet for **MC216879**

Gm13103 (NM_177571) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13103 (NM_177571) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm13103
Synonyms:	E330017N17; OTTMUSG00000010433; RP23-281O10.4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216879 representing NM_177571
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTGATCTGTCAGCAGTGTCCAGATCAAGATGACTCTTCAGAAGAAGAAACAATTGATGTCTACTCCC
CACCCACCCTGCTGAAGCTGGCAATACACAGGCTACTGAGAGAGGAGGCTTTAGCCATTTCTCTCAA
GGACCTGCCAATATGCTGTTCCAGTGTGTTTGAGGAGGCCTTCATTTTTGGTTATACAAAGATCTTG
AAGGCCATGATACCTGAGTGGCCCTTTTCATACCTTTCTATAGCAGTGTGATAGACAACGCAACCTGG
AGAGTTTGAAGGCTGTTCTTGAGGGACTAGATATACTTCTGCACAAAAGCTTCACTCCAGTAGGTGCAA
ACTCAAAGAGATCAGTTGGAGGGATAAAAACCATGTTTGGATGGAATACGGCCTGGATCCCATGAAGTT
GAAGGTTTATCAGAGTTCATGGAACAGAAACATCCTAATTGTGTGGAGAAGAAAAATTGAAGTAAACA
CTGAACCTCTGTCAATGGCAGACTTAATGAATCTGCACATACTTGTGGAGTGGACCCAGCAAAG
AAAAGATTCCATTCATCTATTCTGTAGGAAGCTGGTAATCAAAGCTTAACCAAAGCCACAGTGATAGAA
AACTTCAAATTGTAAATGCAGATTGTATACCAGAGCTGGAGCTATGTTCTCTTTGCCTACAAGATCTGG
CGTTTTCTAATCCCTACCTGAGACAGATGGACAATCTTCTTGAACCTCACACTTGATCACATCACAGATTC
CCTCAGTATTGGTGATTCTGAAATGCTTGAGGAAAGAATGATCACATTGGTTTCTCAGCTTCCCACATTT
CCCTGTCTCCAGAACTCTGTATAAATGATGTCTACTTTATACGGCAATCTGAAAGAATTCCTCGGGT
GCCTGAAGAAGCCATTGGTATCATTGTCATCAGTAACTGTGAACCTCACAAATCAGACTGGATTACCT
GCCCTATTGCCTGAATATTTTGGAGCTAAAATGTTTGTACATTATTAATATACATTTACAATATTTATGC
ATTGAGCCTCTTGGGTTTCTCCTTGAGAGTGTTAGACATACCCTGGGTTGCTTGGCATTAAAGTCATGTA
ATATGGGGGAACCTCATTTCAAATCCCTGCTGCCCTAAGTCAATGTTCCACCTCACAGATGTCAA
TTTCCAGGAAAAATGAACTCTCTGCTGCTGAAACAACCTTCTACAGCACACATCCAAGGTGACCCAG
CTGAGCTATGAGATGTATCCCGCCCTCTTGAGTGCTATGATGACAGGGGTGTAATACTATCACACAGAA
TAGAACAAATTTTGCCTGAAGTCTGGATATACCAGGGCCAAACGACAGCCCAAGGATATCAACTTTGT
TACAACCAATGTTCTAAGTGTGGTATATATTATGTTTATGATCTGGAGACCCAACGTTGCTGTTTTTTA
AAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_177571

Insert Size: 1476 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_177571.3](#), [NP_808239.2](#)

RefSeq Size: 1833 bp

RefSeq ORF: 1476 bp

Locus ID: 194225

Cytogenetics: 4