

Product datasheet for **MC217107**

Gm13102 (NM_001085419) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13102 (NM_001085419) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm13102
Synonyms:	OTTMUSG00000010432
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217107 representing NM_001085419
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCTTCAAGGACCCACCAACTCCAGCAGCTGGCAAGAAGAAGCCTGCTAAAAGATGAAGCCTTGA
CTATCTCTGCTCTGCCGAACCTGCCTGTGCAACTTCCACCCTCTTCAAGGATGCATTCACCAGCAG
ACAACGTAAGATCCTGAGCCTGATGGTGGCAACATGGCCCTTCCAGTCCTTCTGTGGGAGCTCTGTGT
GGGATTGATCACCTGGAGACCCTGAAAGCTGTACTAGATGGCCTTGATTTGCTGATGTCACAAAAGGATC
GACCTAGCAGGTGGAACCTACAAGTGTGATTTGCGAGATGCCACCAGGACTTCTGGGATGGTTGGGC
TGGACTACTTCATGAAGTCTGCTCTCAAGATGTCTTTGGCAAGAACCAACCAGTGGGAAATCATCCCATC
CCAGGGGGGAAACAGACCATAAGTATAAAAATGAATCTTCCCTCAAGTACTGCCGACGACTCTCATT
GTGAAAACCTAACTATTTGATTATTGGGCCAAGCAGAGAAAAGATGTGATACAGGTGATCTTTGAGAA
GCTGGAGTTTACAGGCAAGCACTGTCTCCGACTGAAGTTGTGGCGTTGTTGAAGTTGTCTTTGTAGCC
TCAATCCAGGAATTGACAATAAAGTCCATACACTGGGATATATATAACCTTGCATTGATAGCCTCTTGCC
TGGGCCAGATGAAAAACCTCCAGAACTCATTCTCATGAACATCAGGAGACCTTCTTCCCTTACGGACCT
ACAGGAAGCCCGTATTATTACAGAGATCTTTCCGAGTTCTCAAACCTGCATAAGCTCCAGCATCTCTAT
GTGAATGATGTCTACTTCTGAAAGAACGCCTGGACCTAATGCTCAGGTGTTTTGAGCGTCCATTAGAGA
CCCTTACTATCACTTATTGCAAGCTTTCAGAATCAGACATGAGGTATCTGTCCCAGTGTCCAAGCATCCA
TCAGCTCAAATACCTGGACATGAGTTACACCACATTCAAGCCTTCAAGTCATCGATTTCTAGGATTTCTC
GGAAGCCTACTAGAAAGACTGACAGTACTCTGCAGACATTAATAATTGGAGTGTCTTACCTCACGGACT
CCCGAATCCGTGACCTTCTGCCTGGCTGAGCCAGTGTTCAGCTCACTGAAGTCGATTTTGTGGAGAA
CAAATTTTCCATGGTCAGCCTGAAAACGCTGCTGCAACATACTGCCAACCTCACACAGCTGACCCTGGAG
AAGTACCCTGCACCTGATGAAGTCTATGATGACAGTCTTTGTGTTATTCCAGACAGATTTGTACAATTT
GTTCTGAGCTTATGAACACACTCAAGGGTGAAGGCAGCCAAAGCAGGTCTACTTTGAGAGTACAATATA
TTCACCTAATTTTGAATACCTCGTGTATAATTTGGAGGGCATGGTATCTTCTGAGCCTTAAAGAAGGAGA
GGTCGTGGGATGGTGATATATACAGTGGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001085419

Insert Size: 1503 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_001085419.1](#), [NP_001078888.1](#)

RefSeq Size: 2405 bp

RefSeq ORF: 1503 bp

Locus ID: 100041077

Cytogenetics: 4 E1