

## Product datasheet for **MC217105**

### Gm13040 (NM\_001113736) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13040 (NM_001113736) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm13040
Synonyms:	OTTMUSG00000010130
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217105 representing NM\_001113736  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCGGATTTCTGATCAGGTCTATTCATTGTACAGATTTCATCAGGATGAGCTTCCAGGCTCCACCCACAC  
TCCTGAGCTTGGCAGTACAGAGCCTGGCGAAGAATGAAGCCTTGCCATCAATGCTCTGCAGGAAGTCC  
CAGGGAGTTGTTCCCACTCTTCAAGGCAGCCTTCACTGGCAGACACCGAAGATACTGAAGGAAATG  
GTGGGAGCCTGGCCTTTACCTTGCCCTCCCTGTGGGGCACTGATGAACGTCCTGACATGACAATATTGC  
AAGCTGTGCTGGATGGTGTAGACATGCAGCTGACAGGAAATTTTACCCAAGAAAGAGGAAGCTTCAAGT  
GCTGGACCTGAGAAATGTGCACCATCACTTCTGGGATGTTTCAGCTGGACCAGAGGATGGAGACGGCTCA  
GCAGAGACAGTGTGTCAAAGCAGAAAGCAACACGCCCTCATAGTTATGCACTGAGGCGACGTTTAAAGG  
TGGTCACTGACCTTTCCTTTCAGTTTGTCTAGAGGAACATCAAACCTACTTCTTGCAGTGGGCACAGGA  
GAGAAGAGGTTCCCTGAACCTGTGCTGTGTGAAGATGCAAATTAGGGAATTGCCTTTCACACTGTCAGG  
AAGATCTTGCAGATTTTCCAACCATATTGCATTGAGGAGTTGGAATTGCATATAGACTGGACTCTGTCCA  
CACTGGCAAGCTTTCACCTTGCCTTGGTCAGATCAAGAATCTTCGTAACCTCCATCTAACACTAGTCCA  
CGAAGAACTCTTCACTTTTCTATGTACATCAACAGACATAAAGGAGAAGAGTGTCAACCAAGTTTCACTTCT  
CAGTTCTCAAACCTCAACAGTCTCCAGCATCTCGACCTGGCTGGCCTCTACTTTCTCACTGGCCACATGA  
ATGAATTGCTCGTGTGTCTGAAGACTCCGCTGGAGTTCCTGTCAATTGCTCTCTGCAAGTACTCACAGTC  
AGACATGGAGTCCCTTGGCCAGTGTGAGTCTCCATCATCTCAAACATCTGCATTTGGCAGGTGTCATT  
TTGCATGATCTGAGTCTGTGCCTCTCGGAATTTTCTAGAAAATGTTGCAAACACTCTGAAGACCTTGG  
AATTAGAACATTGTAGGATGACAGACTCTCAGGTCAGCGCTTTTATCCCTGCCCTGAATAAGTGTCTCA  
GCTCATCGAGGTCAACTTCTGTGACAATGACATCTCCATGCCTGTCTAACGAACCTTCTGCATCACACA  
GCCAACCTAAGCCAGCTGATCATGGAGCTTTATCCTGCTCCTCTGGAGTGTATGAAACCGTTTTTGTTC  
TTAGACCAGAGAAATTGTCCAGCTTCTTCTGAGCTCATGAACATACTTTGCACTGTTAGGCAGCCCCA  
CTCTATCTGTTTTGCCTCTCAGTTATGCCTTATATGTTACAGCGCTGTACATATGGTCTGGAGACCAGA  
CTTTGCCATTGTTGCCAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001113736

**Insert Size:** 1491 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\\_001113736.1](#), [NP\\_001107208.1](#)

**RefSeq Size:** 2104 bp

**RefSeq ORF:** 1491 bp

**Locus ID:** 100040854

**Cytogenetics:** 4 E1