

## Product datasheet for **MR207707**

### Gm13119 (NM\_001034101) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13119 (NM_001034101) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm13119
Synonyms:	OTTMUSG00000010537
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR207707 representing NM\_001034101  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCTTCCAGGCTCCACCCACTCCTGAGCTTGGCAGTACAGAGCCTGGCGAAGAATGAAGCCTTGG  
 CCATCAATGCTCTGCAGGAGCTGCCAGGGAGTTGTTCCACCCTCTTCAAGGCAGCCTTCACTGGCAG  
 ACACACGAAGATACTGAAGGAAATGGTGGGAGCCTGGCCTTTACCTTGCCTCCCTGTGGGGCACTGATG  
 AACATCCCTGACATGACAGTATTGCAAGCTGTGCTGGATGGTGTAGACATGCAGCTGACAGGAAATTTTC  
 ACCCAAGCAAGCGGAAGCTTCAAGTGTGGACCTGAGAAATGTGCACCATCACTTCTGGGATGTTTCAGC  
 TGGACCAGAGGATGAAGACAGCTCAGCAGAGACAGTGTGTCAAAGCAGAAAGCAACACACCCTCATAGA  
 TATGCACTGAGGAGACGTTTAAAGGTGGTACTGACCTACACCTTCAGTTTGTATCTAGAGAACATCAA  
 CTTACTTCTTGCAGTGGGCACAGGAGAGAAGAGCTTCCCTGAACCTGTGCTGTGTGAAATTCAGATTAG  
 GGGATTGGCTATGCACACTGTCAGGAAGATCTTGCAGATTTTCCAACCATATTGCATTGAGGAGTTGGAA  
 TTGAATACAGGCTGGACTCTGTCCACACTGGCATGCTTTGCACCTTGCCTTGGTCAGATGAAAAATCTTC  
 GTAACCTCATCTAACACTAGTCCACGAGAAACTCTTCACTTTTCTACATACGTCACACAGACATACAGGA  
 GAAGAGCGTCACCAAGTTCATTTCTCAGTTCTCCAACTCAACAGTCTCCAGCATCTCGCCCTGGCTGGC  
 CTCTACTTTCTCACTGGCCACATGAATGAATTGCTCGGGTGTCTGAAGACTCCGCTGGAGTTCCTGTCAA  
 TGGCTCTCTGCAAGTACTCACAGTCAGACATGGAGTCTTTGCCAGTGTGAGAGTCTCCATCATCTCAA  
 ACATCTGCATTTGGCAGGTATCATTTCATGATCTGAGTCTTGTGCCTCTTGGGATTTTCTAGAAAAC  
 GTTGCAAACTCTGAAGACCTTGAATTAGAACATTGTAGGATGACAGACTCTCAGGTCATCGCTTTTA  
 TCCCTGCCCTGAATAAGTGTCTCAGCTCATCGAGTCAACTTCTGTGACAATGACATCTCCACGCTCTGT  
 CCTAATGAACCTTCTGCATCACACAGCCAACCTAAGCCAGCTGATCATGGAGCTTTATCCTGCTCCTCTG  
 GAATGCTATGAAACCGGTTTTGTTCTTAGAGCAGAGAGATTTGTCCAGCTCTCTTCTGAGCTCATGAACA  
 TACTTCGCACTGTAGGCAGCCCCACTCTATCTGTTTGCCTCTCAGTTATGCCTTATATGTTACACAGC  
 CTGTACATATGGTCTGGAGACCAGACTTGGCATTGTTGCCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207707 representing NM\_001034101  
 Red=Cloning site Green=Tags(s)

MSFQAPPTLLSLAVQSLAKNEALAINALQELPRELFPPLFKAFTGRHTKILKEMVGAWPLPCLPVGALM  
 NIPDMTVLQAVLDGVDMQLTGNFHPSKRKLQVLDLRNVHHHFWDVSAGPEDEDSSAETVCQKQKATHPHR  
 YALRRRLKVVTDLHLQFDLEEHQTYFLQWAQERRASLNLCCVKLQIRGLAMHTVRKILQIFQPYCIEELE  
 LNTGWTLSTLACFAPCLGQMKNLRLHLTLVHEKLFTHLSTDIQEKSVTKFISQFSLKNSLQHLALAG  
 LYFLTGHMNEELLGCLKTPEFLSMALCKYSQSDMESFAQCQSLHHLKHLHLAGIILHDLSLVPLGIFLEN  
 VANTLKTLELEHCRMTDSQVIAFIPALNKCSQLIEVNFCDNDISTSVLMNLLHHTANLSQLIMELYAPPL  
 ECYETGFVLAERFVQLSSELMNILRTVRQPHSICFASQLCLICSQRCTYGLETRLCHCCQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9086\\_h09.zip](https://cdn.origene.com/chromatograms/mm9086_h09.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001034101

**ORF Size:** 1443 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001034101.2](#), [NP\\_001029273.2](#)

**RefSeq Size:** 2072 bp

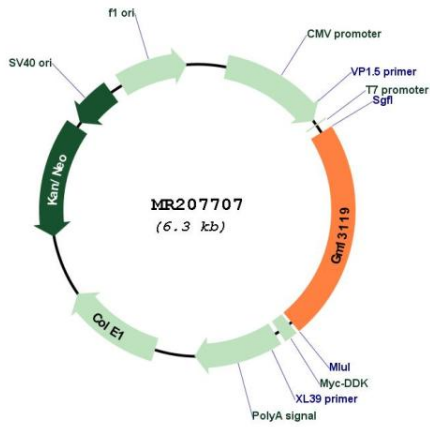
**RefSeq ORF:** 1446 bp

**Locus ID:** 433779

**Cytogenetics:** 4 E1

**MW:** 54.7 kDa

Product images:



Circular map for MR207707