

Product datasheet for MR206345

Got111 (NM_029674) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Got111 (NM_029674) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Got111
Synonyms: 1700083M11Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR206345 representing NM_029674
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACCAGTCTTTCTGTGTTTCAGGGATGTACCCACAGCCAGAAGCTAGAAGGCAGCTTACTAAAGATCT
 ACAGGCAAGATGGCTATCCCAGCAAGTTGTTCTGGCCTACAAAGTCTGCATGACCGAAGAAGGCCATCC
 CTGGGTTTCTCTGTGGTGCACAAGACCCGCTGCAGATTGCAGAGGACCCCTCTCTGGACTATGAGTAC
 TTGCCCTGGTGGCCTGAAATCATTCCAGTCTTCTCTGGAAGTCTCTTTGGAAAGCACAGCGAAG
 CCATTGCGGAGAAAAGGTTGGGGTGTGCACATCGTTGGTGGAGTGGAGCCTCCAGCTTGGGGCTCA
 GTTCTCAAGACGTGGCGAAAGAATGTGAAAATCGTTGTATCGTCTCATGTCAAAAAGAACAGTGTGGA
 CTCATCTTCCAGGACATGGGCTTATAGTTTATGAGTACTCTATCTGGAACGCCAGTGATCTCTGCTCAG
 ACCCCAGCATGTTCTGGAAAGTACTCCAGCATATCCCGGTGGCAGCATCCTTGTGATTGGGAACATCAC
 TGATTGCAAGTTCACACAGAATCAGTGGACGAACTGATGTCCATCATTAAAGAGCAAGCAGATATCCCA
 TTCTTTGACATCCCTGTCAAGTTTATCCACTGGTGACCTCGAGGAAGATACAAAATCTTACAGTACT
 TTGTGTCCCTAGGCTTGGAGTCTTCTGCAGCCAACTCTGTCCAAGAATTTGGCATTATGATGAAGG
 AGTGGGATCCTAGTAGTGGCTGCCCTCAGCAACCAGCACCTGCTGTGTCTCTCCAGCTGATGGAT
 TATGTCCAGGCCCTGTGGGAAACCCCTGCCACGGGTGCTCGGATAATCACCTCCATCCTCTGCAACC
 CTGCTCTGTTGGAGAATGGAAGCAGAGTCTCAAAGGTGTGGTGGAGAACATGATGCTGATCAAGGAGAA
 AGTGAAGGAGAAGCTGCGGCTCCTAGGGACCCCTGGTGTGGGATCACATCACCCGACAGAGCGGGACC
 CATGGTTATCTGGGACTCACCTATCAACAGGTGGAGTTTCTGGTCAAGAAGAAACATATCTACTTCCCCA
 AAAGTACCGGATCAACTTACCTGCATCAATGCCAGGAATATAGACTACATCACTCAGAGCATCCATGA
 GGCCGTGATGCTAACAGAGGGC

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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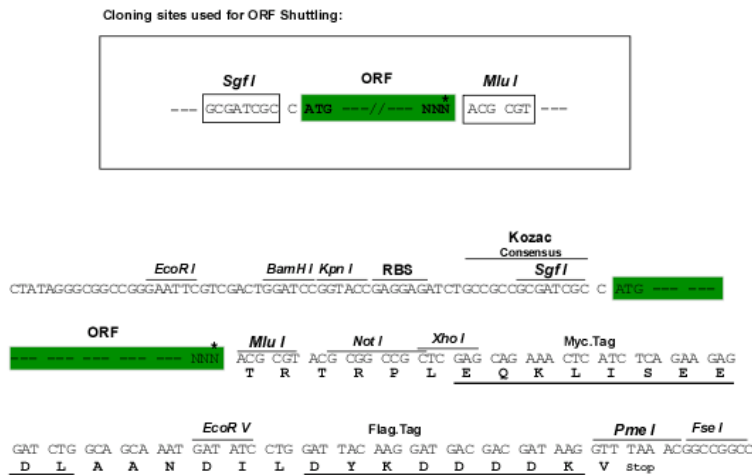
MTSLSVFRDVPTAQKLEGLSLKIYRQDGYPKFLAYKVCMTTEEGHPWVSLVVHKTRLQIAEDPSLDY
 EYLPLVGLKSF IQSSLELLFGKHSEIAIAEKRVGGVHIVGSGAFQLGAQFLKTRKNNKIVCIVSCQKEQCG
 LIFQDMGFIVYEYSIWNASDLCDSPSMFVEVLQHIVPGSILVIGNITDCKFTQNQWTKLMSIISKQIFP
 FFDIPQCGLSTGDLEEDTKILQYFVSLGLEFFCSQSLSKNFGIYDEGVGILVVAALSNQHLLCVLSQLMD
 YVQALWGNPPATGARIITSILCNPALFGEWKQSLKGVVENMMLIKEKVKELRLLGTPGSWDHITRQSGT
 HGYLGLTYQQVEFLVKKKHIYLPKTSRINFTCINARNIDYITQSIHEAVMLTEG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9062_a12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_029674

ORF Size: 1212 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_029674.1](#), [NP_083950.1](#)

RefSeq Size: 1451 bp

RefSeq ORF: 1215 bp

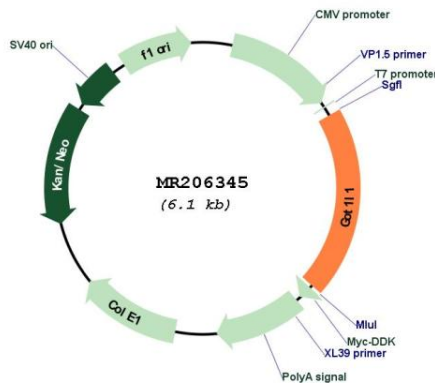
Locus ID: 76615

UniProt ID: [Q7TSV6](#)

Cytogenetics: 8 A2

MW: 45.5 kDa

Product images:



Circular map for MR206345