

Product datasheet for **MR229968**

Gm15097 (NM_001198987) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm15097 (NM_001198987) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm15097
Synonyms:	Ott-like; OTTMUSG00000018988
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR229968 representing NM_001198987
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGAACCATGAAGACGAAATTAGACAGCTGAGATATCTAGAAGCTGCTAATTCTGAAGAAGAATACA
 ATGAGGAGAATGACATACAGTCAGAAAGCTCCAGAGGGCAAGCATTTCCTGGACATCCGCGAGGGAG
 AGGACACAGACGTGACAGTAGGGGAAGAAATGGCCATTTTTTCAGACAAAGATTTTCAGCAAATCATCCT
 CTACTTCTGACAAGACAAGTCAACCTAGAAAGTCTAACAAGGAGGAATGAAACCAATCAGAAGAGA
 GACAGCTACAACAAGAAAGAATCCAATTGTTCTTCAGGAGTTTACATGGCCTCTCCCAATCTCATGACCA
 CCACATTGGCAGATCTCATGGCCACTATCCAGAAGATCACGTAATCGATTTAGGAGAGCTCCTGTTTAC
 TCAGAGAGATCTCATGTCTACTCAGGTAGAATAAATACTATACAGATAGACCACACCATGACCTCTCAG
 ATAGACCACACAATCAACTCTCAGTGAGACCACATCCTGACCTCTCAGGTAGACCCTTCATGACTACTC
 AGGTAGACCACATCAAAACCATGCAGTTAGGCTTCAACATGGCCACTCAGATAGATATCATCTTACCCAT
 ACAGAGAGAGTTCTTCTAACAACCTCAGGGATAGCTCATCTGGCCACACAGAGAGAGATAATCAAGTCC
 AAAGAGGGAGAGCTCATGATAACCAATCAGGGTTAGCTCATCACAAACATGATGGCAGATCTCATATGA
 CCACTCAGGGAGAGCTTATCACGGCCATGCAAGGAGAGCTCATAACAACCAAGTATGGAGATCTGATAAC
 AACCAGTCATGGAGAGATCTTAACCAGTCATGGAGAGGTCAGAACAACCAAGTACAGAGAGGTCATGACA
 ACCAGTCACAGAGAGGTCATGACAACCAAGTACAGTAGAGGTCATGACAACCAAGTACAGAGAGGTCATGA
 CAACCAGTCACAGAGAGGTCATAATGATCAGTCATGGAGAGCTCATAACATCCGGTCACGGAGAGATCGT
 TATCACACCTCATTGAGATCTAGTAGCATCCAGTCATGGATGCTTCATGAAAGAGAAAGATACCATGGTC
 CAAGAGGAAGAAATGGACCAAGGGATGCATCACCACCAGGATCTGAGCCAGAAATTGACAGATCGTCTGC
 AATAAGAGAAAGGACTGACTATTTATGGGTACAGGAACATCGAAGAAATGAGACAGTTGAACTGAATGTA
 GGGCTAGAAGACGGCTACAGCAGTGCTGAAGAGAGTGATGAAAGTTTTGACAGACTAACCTGTCGCTCCA
 TGCTAGATACACTATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR229968 representing NM_001198987
 Red=Cloning site Green=Tags(s)

MANHEDEIRQLRYLEAANSEEEYNEENDIQSESSRQAFPPGHPRGRGHRDRSRGRNGHFFRQRFSAHP
 LLHLTRQVNLESLTRRNGNQSEERQLQERIQLFRRSLHGLSQSHDHHIGRSHGHYSRRSRNRFRAPVH
 SERSHVYSGRTNNYTDPRPHDLSDRPHNQLSVRPHDLGRPLHDYSGRPHQNHAVRLQHGHSRDYHLTH
 TERVLPNNSGIAHPGHTERDNQVQRGRAHDNQSLAHHNHDRSHHDHSGRAYHGHARRAHNNQSWRSDN
 NQSWRDLNQSWRGQNNQSQRGHDNQSQRGHDNQSRRGHDNQSQRGHDNQSQRGHDNQSWRAHNISSRRDR
 YHTSLRSSSIQSWMLHERERYHGPRGRNGPRDASPPGSEPEIDRSSAIRERTDYLWVQEHRNETVELNV
 GLEDGYSSAEESDESFDRLTCRSMLEDTLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

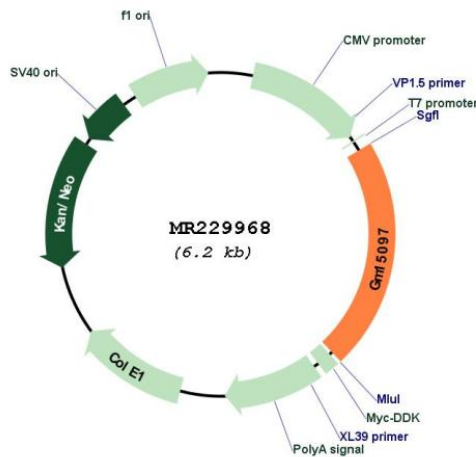
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001198987

ORF Size: 1347 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_001198987.2](#), [NP_001185916.2](#)

RefSeq Size: 1998 bp

RefSeq ORF: 1350 bp

Locus ID: 434869

Cytogenetics: X

MW: 53.3 kDa