

Product datasheet for **MG206232**

C130026I21Rik (BC007193) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C130026I21Rik (BC007193) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: C130026I21Rik
Synonyms: 4930565N07Rik; OTTMUSG00000029174
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG206232 representing BC007193
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGGAGGCTACAATGAACTCAGCATCAGGACAATCCAGAGGACCAGAATGAAGAGGAGTCAGATG
 ACTATCAGCTCATGTTCAAGCACTTCAAAGAAAACAAGGTGGAGATTGCAAGTGCCATCACCAAGCCGTT
 TCCTTTCTCATGAGCCTTCGAGACCGAGACTTCATCTCGGAGCAGAAGTTTCAGGAATATCAAGAAACA
 TGTAAGAACCTGGTCCCAGTGGAGAGAGTCGTGTACGATGTCCTCAGCAATGTACAGAAGAATTTAGCC
 GGAATCTTCTGAAAGTGATATTCAGCAAAACACATCTGAAGGCCTACCCCGACTTAAAGGAGACTCTAAA
 ACACCTTCTCCTAAATGTTTCTGACAGTCACAGGACTCATCAGAGGATAAATGGAAGAAATGTTGAAGAG
 AGGCCCCAGACTGCCATCAGTTGTTAGGGAAGCATCCAAAACGAATGATGAACAAGCAGAGGAGATGCTTA
 GCCTCCCACAATGCAATGGAGGAGAGGGAAGTAGTTCTTGTGAACAAACACGTGATGAACAAGAGCCCA
 GGATGACCTGCCCTCATCCCTGAGACAAGAAGCAGCAAGAAGAAAAAACGTCGAACTGGTCAAATTC
 AAAAGAAGACTGCAGAAAAAAGCCCCGTCAAGATGAGATGATGGGAGTGGCCTCACCTGGACATGGAG
 TTCAAGAGAAGCTCAAGGCGGTGAGCAGGAGGACTTTGTGAAAGATGACTCATCTACGAACGTGAAGGA
 GGTGACCAAGACACAGAGAGCAAGGATGAGGCGTGCCAGACATCCAATTCACAAGAGATCAGCAAAGAG
 GCATCAAAAACAAGTGGTAGAAAGAGGCCACAGCACGAAGAACCACAAGTCCAGAGAAGACCA
 AGAATGACGCTGTGGATTTCTCTCCACACTCCCTGTGACCTGTGGTAAGGCCAAAGGGACTTTGTTCCA
 AGAGAACTGAAGCAAGGAGCCTCAAAAAAGTGCATTGAGAATGAGGCAGGAGATTGGCTACTGTAAAG
 GAATTTTTAAATGAAGGGAGAAGGGCCACATCAAAAGCCTGGAAGGGCGTTATATGTTGTAAACGGGGCGA
 CATTAAGACATCTGGAGCAGAAAGGACTTTTGTCTGTACCTCCAAGAGTAAACCTCAAAAGAAGGGTGC
 C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206232 representing BC007193
 Red=Cloning site Green=Tags(s)

MAGGYNELSIRTIPEDQNEEESDDYQLMFKHFKENKVEIASAITKPFPLMSLRDRDFISEQKFQEYQET
 CKNLVPERVVYDVL SNVQKNFSRNLKVI FSKTHLKAYPDLKETLKHFFLNVSDSHRTHQRINGRNVVEE
 RPRLPSVVREASKTNDEQAEEMLSLPQCNGGEGSSSCEQTRDEQEPQDDLPSRLRQEAARRKKRPNWSNS
 KRRLQKKKPRQDEMGMVSPGHGVQEKLKAVSRRTLWKDDSSSTNVKEVTKTQRARMRAQTSNSQEI SKE
 ASKTSGRKRSTARRTTQVPEKTKNDAVDF SPTLPVTCGKAKGTLFQEKLKQGASKKCIQNEAGDWLTVK
 EFLNEGRRATSKAWKGVICCN GATLRHLEQKGLLFCTSKSKPQKKGA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC007193

ORF Size: 1193 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: [BC007193](#), [AAH07193](#)

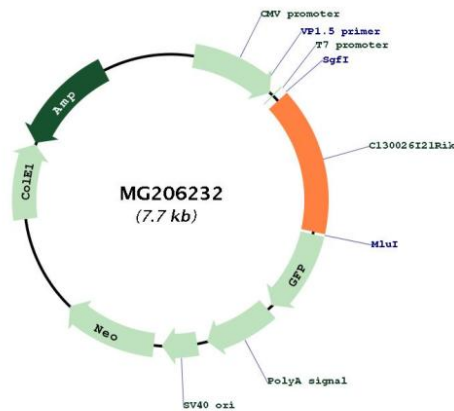
RefSeq Size: 1684 bp

RefSeq ORF: 1193 bp

Locus ID: 620078

Cytogenetics: 1 C5

Product images:



Circular map for MG206232