

Product datasheet for MR206232

C130026I21Rik (BC007193) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C130026I21Rik (BC007193) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C130026I21Rik
Synonyms:	4930565N07Rik; OTTMUSG00000029174
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206232 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGAGGCTACAATGAACTCAGCATCAGGACAATCCCAGAGGACCAGAATGAAGAGGAGTCAGATG
ACTATCAGCTCATGTTCAAGCACTTCAAAGAAAACAAGGTGGAGATTGCAAGTGCCATCACCAAGCCGTT
TCCTTTCTCATGAGCCTTCGAGACCGAGACTTCATCTCGGAGCAGAAGTTTCAGGAATATCAAGAAACA
TGTAAGAACCTGGTCCCAGTGGAGAGAGTCGTGTACGATGTCCTCAGCAATGTACAGAAGAATTTAGCC
GGAATCTTCTGAAAGTGATATTCAGCAAAACACATCTGAAGGCCACCCCGACTTAAAGGAGACTCTAAA
ACACTTCTTCTAAATGTTTCTGACAGTCACAGGACTCATCAGAGGATAAATGGAAGAAATGTTGAAGAG
AGGCCCAGACTGCCATCAGTTGTTAGGGAAGCATCCAAAACGAATGATGAACAAGCAGAGGAGATGCTTA
GCCTCCCACAATGCAATGGAGGAGAGGGAAGTAGTTCTTGTGAACAAACACGTGATGAACAAGAGCCCA
GGATGACCTGCCCTCATCCCTGAGACAAGAAGCAGCAAGAAGAAAAAACGTCGAACTGGTCAAATTC
AAAAGAAGACTGCAGAAAAAAGCCCCGTCAGATGAGATGATGGGAGTGGCCTCACCTGGACATGGAG
TTCAGAGAAGCTCAAGGCGGTGAGCAGGAGGACTTTGTGAAAGATGACTCATCTACGAACGTGAAGGA
GGTGACCAAGACACAGAGAGCAAGGATGAGGCGTGCCAGACATCCAATTCACAAGAGATCAGCAAAGAG
GCATCAAAAACAAGTGGTAGAAAGAGGCCACAGCACGAAGAACACAAGTCCAGAGAAGACCA
AGAATGACGCTGTGGATTTCTCTCCACACTCCCTGTGACCTGTGGTAAGGCCAAAGGGACTTTGTTCCA
AGAGAACTGAAGCAAGGAGCCTCAAAAAAGTGCATTGAGAAATGAGGAGGAGATTGGCTACTGTAAAG
GAATTTTTAAATGAAGGGAGAAGGGCCACATCAAAAGCCTGGAAGGGCGTTATATGTTGTAACGGGGCGA
CATTAAGACATCTGGAGCAGAAAGGACTTTTGTCTGTACCTCCAAGAGTAAACCTCAAAAGAAGGGTGC
C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206232 protein sequence
Red=Cloning site Green=Tags(s)

MAGGYNELSIRTIPEDQNEEESDDYQLMFKHFKENKVEIASAITKPFPLMSLRDRDFISEQKFQEYQET
 CKNLVPERVVYDVL SNVQKNFSRNLKVI FSKTHLKAYPDLKETLKHFFLNVSDSHRTHQRINGRNVVEE
 RPRLPSVVREASKTNDEQAEEMLSLPQCNGGEGSSSCEQTRDEQEPQDDLPSLRQEAARRKKRPNWSNS
 KRRLQKKKPRQDEMGMVSPGHGVQEKLKAVSRRTLWKDDSSSTNVKEVTKQRRMRRAQTSNSQEISKE
 ASKTSGRKRPSTARRTTQVPEKTKNDAVDFSP TLPVTCGKAKGTLFQEKLKQGASKKCIQNEAGDWLTVK
 EFLNEGRATSKAWKGVICCN GATLRHLEQKGLLFCTSKSKPQKKGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC007193

ORF Size: 1191 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

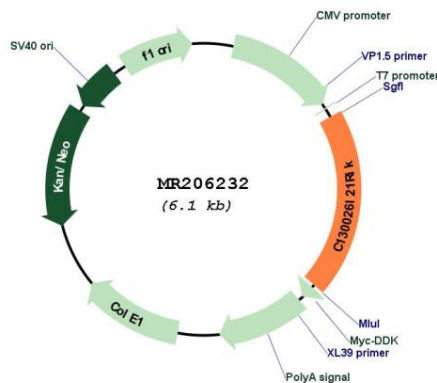
RefSeq ORF: 1193 bp

Locus ID: 620078

Cytogenetics: 1 C5

MW: 45.4 kDa

Product images:



Circular map for MR206232