

Product datasheet for MR212252

C130026I21Rik (NM_001037909) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C130026I21Rik (NM_001037909) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: C130026I21Rik
Synonyms: 4930565N07Rik; OTTMUSG00000029174
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR212252 representing NM_001037909
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGAGGCAACAATGAACTCAGCAGCAGGACAATCCAGAGGACCAGAATGAAGAGGAGTCAGATG
ACTATCAGCTCATGTTCAAGCACTTCAAAGAAAACAAGGTGGAGATCGCAAGTCCATCACCAAGCCGTT
TCCTTTCCTCATGAGCCTTCGAGACCGAGACTTCATCTCGGAGCAGAAGTTTCAGGAATATCAAGAAACA
TGTAAGAACCTGGTCCCAGTGGAGAGAGTCGTGTACGACGTCTCAGCAATGTACAGAAGAAGTTTAGCC
GGGATCTTCTGAAAGTGATATTCAGCAAAACACATCTGAAGGCCTACCCGACTTAAAGGAGACTCTAAA
ACACTTCTTCTAAATGCATCCAAAACGAATGATGAACAAGCAGAGGAGATGCTTAGCCTCCCACAATGC
AATGGAGGAGAGGGAAGTAGTTCCTGTGAACAAACGTGTGATGAACAAGAGCCCCAGGATGACCTGCCCT
CATCCCTGAGACAAGAAGCAGCAAGAAGAAAAAACGTCCGAACCTGGTCAAATTCAAAAGAAGACTGCA
GAAAAAAGCCCCGTC AAGATGAGATGATGGGAGTGCCTCACCTGGACATGGAGTTCAAGAGAAGCTC
AAGGCGGTGAGCAGGAGGACTTTGTGAAAGATGACTCATCTACGAACGTGAAGGAGGTGACCAAGACAC
TGAGAGCAAGGATGAGGTGTGGCACCTGCCATTGAAAGGCTCAGCCTGGCAAATCTCTCAGAGCTGGT
GCAGGGTTCGAGGATACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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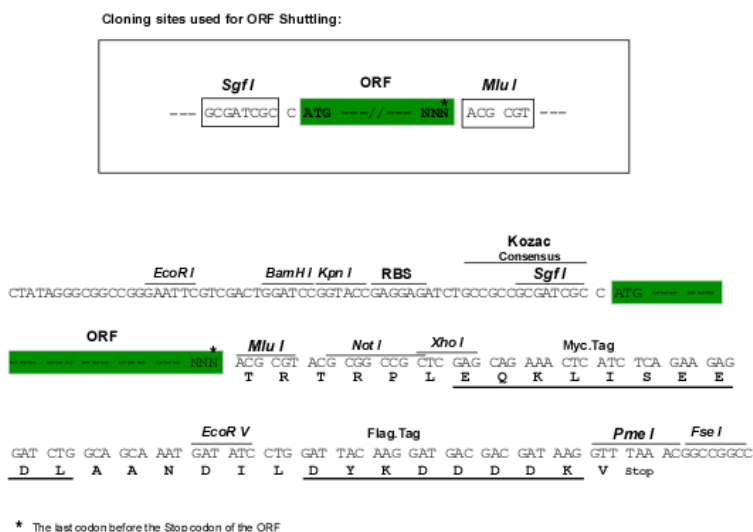
Protein Sequence: >MR212252 representing NM_001037909
 Red=Cloning site Green=Tags(s)

MAGGNNELSSRTIPEDQNEEESDDYQLMFKHFKENKVEIASAITKPFPLMSLRDRDFISEQKFQEYQET
 CKNLVPVERVVYDVL SNVQKKFSRDLLKVI FSKTHLKAYPDLKETLKHFFLNASKTNDEQAEMLSLPQC
 NGGEGSSSCEQT CDEQEPQDDL PSSLRQEAARRKKRPNWSNSKRRLQKKKPRQDEMMPSPGHGVQEKL
 KAVSRRTLWKDDSSSTNVKEVTKTLRARMRCGTCHWKGSWANLSELVQGSRD

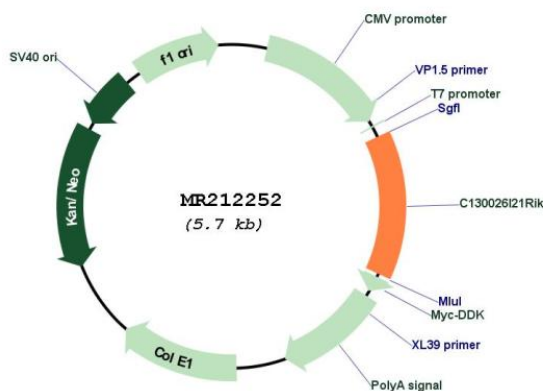
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037909
ORF Size: 789 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:	<ol style="list-style-type: none">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_001037909.3 , NP_001032998.2
RefSeq Size:	1887 bp
RefSeq ORF:	792 bp
Locus ID:	620078
Cytogenetics:	1 C5
MW:	30.8 kDa