

Product datasheet for RC236071

LOC100129940 (NM_001292024) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: LOC100129940 (NM_001292024) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: LOC100129940
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC236071 representing NM_001292024
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGACGTTTCAGCTGCAAAGGCTACGGAGGAACCCCGCAATTGGAATCTCTCCATGCCTTCTGCAGC
 ATGGAACATACTCCGGGACCTACCGGGCTCTCTCGGGCCACCTCTGAGTGCAAGGGAAAAGAGTGCAG
 TTCAAGGAAGGGAATGTGTCTGTATCCCACTTGCAGCAAGGCCAGTTCGGGATCAGCAGGCTTC
 CTTCAAGGACGCGGCTCTTATTAGCAACCACTGGGAGGGAATGTGTGCGGAGTCATGTCAAGATGGGA
 AGGCACATGTTCTATCTTGACAGCAGCAGAAAGAAAAATGGCAGCAGAAGGAAAACAGCAGCAGAAAGA
 AAAATTTGACTCAGATGGGTTGAGAGGCAATGGCAAGCAATCTTGGTACATGTCAGCTGCATCTCAGAG
 TCTCGCTTTGTTGCCAGGCAGTGGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236071 representing NM_001292024
 Red=Cloning site Green=Tags(s)

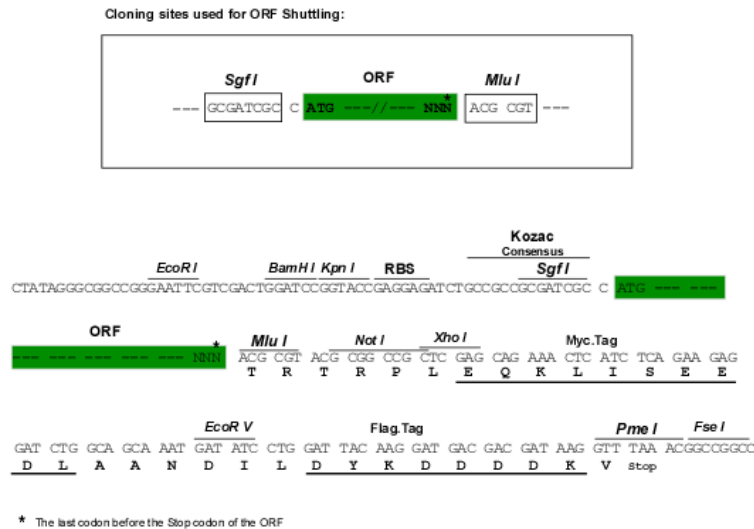
METFSGYGGTPAIGISPCLLQHGNILRDLPLSLRATSECKGKECSSRKGMCSSHHLRARPVPGSAGF
 LQHGLFISNHWEGMCAESCQDGKAHPILTAAERKMAAEGKQQKEKFDSDGLRGQWQAILVHVCISE
 SRFVAQAVA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001292024

ORF Size: 447 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

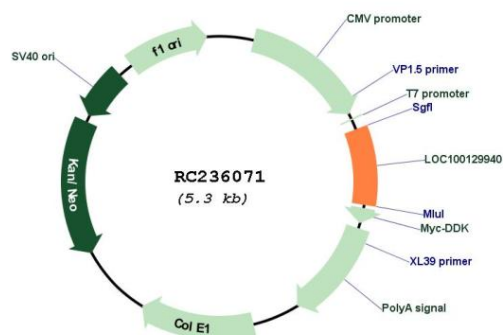
RefSeq: [NM_001292024.1](#), [NP_001278953.1](#)

RefSeq Size: 1027 bp

RefSeq ORF: 450 bp

Locus ID: 100129940
 Cytogenetics: 12q14.3
 MW: 16.5 kDa

Product images:



Circular map for RC236071