

Product datasheet for RC233404

C6ORF154 (LRRC73) (NM_001271882) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6ORF154 (LRRC73) (NM_001271882) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C6ORF154
Synonyms:	C6orf154
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233404 representing NM_001271882 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGGGTGATGAAGCCATCAACCTCATCTGTGGCCTCTGCCCCAGATGGGGCCAAATCTGGCTTGA
 AGGAGCTAACGCTGAGTGCCAACCTGGCATCACCCCTAAGGGCTGGAGCCGCCTTGCCATTGCCGTGGC
 CCACAGCTCCAGGTCCGCGTCTCAATCTGGATTACAACCCCTGGGTGACCATGTGGCAGGAATGCTG
 GCTGTAGCTGTGGCCTCTAGTCGTACCCTAGAGGTCCTAGACTTGAGGGGCACAGGGCTCACCAACCACT
 CAGCTCAGACCTGCTGGACATGGTAGAAAATTACCCACAGCTTGCGGAGCCTGGTGTGGCTGAGAA
 CAGCATTAGCCCAGAGCTGCAGCAACAGATCTGTGACCTCCTCTGAGGGAGAGGAGGAGGAGGAAGTG
 GCAGGAGGGGCTGGCGACACCCAGGAATGGGAGAGAGGGCGGGAGCCTGCTGCCACCAGAGAGGCAGCA
 GCTCCTGGATGTGCCCGATCCAGCTCTCAGATGGTGCTAATGACGTCAGGACTAGGGGACAGTCT
 GTTGGCTGAGACCGAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC233404 representing NM_001271882 Red=Cloning site Green=Tags(s)
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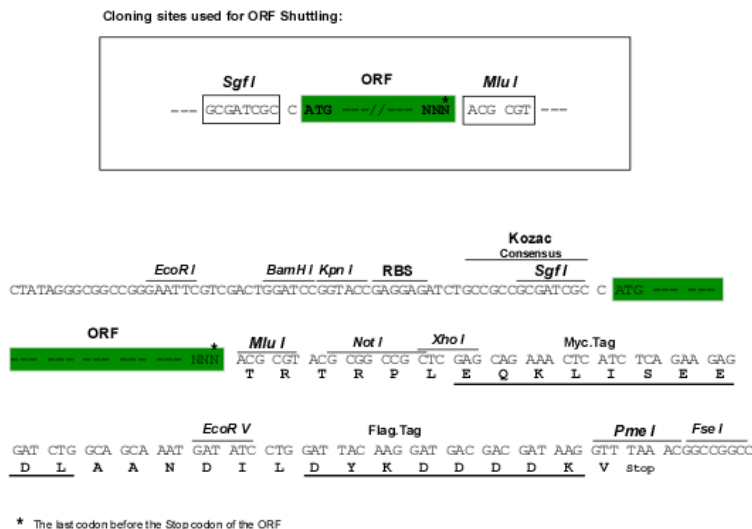
MLGDEAINLICLLPPDGA KSLKELT L SANPGITPKGWSRLAIAVAHSSQVRVLNLDYNPLGDHVAGML
 AVAVASSRTLVLDTLGLTNQSAQTLLDMVENYPTALRSLVLAENSISPQLQQICDLLSEGESEEEV
 AGGAGDTQEWERGEPAAHQRGSSWMCPSPSSQMVLM TSGLD SLLAETEM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001271882

ORF Size: 579 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.

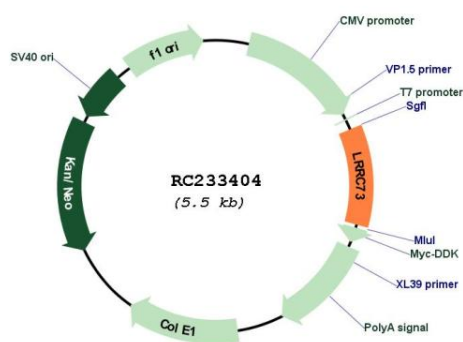
RefSeq: [NM_001271882.2](#)

RefSeq Size: 1113 bp

RefSeq ORF: 582 bp

Locus ID: 221424
 UniProt ID: [Q5JTD7](#)
 Cytogenetics: 6p21.1
 MW: 20.9 kDa

Product images:



Circular map for RC233404