

Product datasheet for **RC239136**

C19orf44 (NM_001288834) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C19orf44 (NM_001288834) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C19orf44
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC239136 representing NM_001288834
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCTGCAAGGAAAGCCAGCCGTCCTCATGCTGATGTTTTTGGTGAAGTTCAGTGATGTTTCCTTGG
 AAGATTCAACAATGGAAGAAATCAGAACTTCCAGATCAGTAGAAATCTTACCAAAATAGCACCTGGTCA
 TAGCAGATTTCTAAAAAGAAACCAACTCTAGATGAGAAACACTTACTCTGAAAGAGAACCCTGTGCTC
 GGGAGTGGACCCAGGCTTGCCTCATGTAGACCGCCCACTGCTCCAGGATCCGAGCCAATGCCGCAC
 TCATGAAGCTGGCCAGCTGGAACCCGGATCATGAATCGGAAGTGCAGAGGAATTTGTCTGACACGGA
 ATCTGACTCAATGACCGCGATGCTGGTCTTCAAAGAGAGCTGACAGAATCCTCTCTGGGGGTGCACTC
 GAACTCGCGTCCAGAACACAGACAAAATTTCCAGAATCAAGCCCGTGAATTCCTGTCAACGAAAATA
 ATGCACAGAACCGAAGGTGAGTAGGTTTCTAAGAAGAAACAAGCACCTGTTGAAAACATATCCCTGGA
 AGCACCTGCTGGGAAAGAGAGGACTTTGCAACCCCAACAGAAAGAACCTGCTAGAATTTGATTCT
 CCAGACAGTGACGAAGAAGAAATGAAAGTATTGCTAGGAAGCTTGATGGACTCTTCTAGAGAAAAAACA
 CGAATCAAGGCTTCAGCAGCGCTAACGTCAGCGAGGAAGAAGAAAGAAAATATTTTCGGTCCCATCTCA
 ACTGAGAGCATTTACTGTACCCAGCGTGGAACTCTCCAGCGCAAGCCTTCTCAGACATCACACCTGCCA
 ACCTCCCTGGCAGCAGACAGAACCCTTCACAGCACTCGCTCAAGAGCAGACTACCCACAGAGTCACGTTT
 CCAGTGACACCGCTCCACACGCGCTCAGTTTCCATCACAGGCGCTTTTCAAACCTCAGTGCTTTAA
 GATGGGCGATGTCAAGCTTGTGCTCTCCCGGGAAGGAGTGAGGCTGAGACTGTGGACGAGCCAGTCTCA
 GAAGGTGCTGATGACAGCCTCGACGAGTTAGAATAAATATTTATCGCTTGACGGTCTGGCTCCAGCTG
 TCAGTGAGAACTCCGATTTGGAACAGGAAGAGGAAGTCTCAGAGACAAAAACAGCTGGCAAAATCTT
 CAGAGCCGAGGCGTCCACTGGGCAGGATGCCCGAGGCAGGCCAGGCGAGGAGCTGGGCATCACAGGGA
 AAGGCCGCTCTGCAGAGGGGATGAGAGCGAGGTCTCGAGCATCTCAGTGCCAGCTCGGCTTCTGCCA
 TCCAGCAGGACAGCACTTCCAGCATGCAGCCACCCTGAAGCCCCATGGTGAACACAGTCAGCTCAGC
 TTATTCGAGGATTTTGAAAATCTCCAAGTCTGACAGCATCTGAGCCAACCGCCCATTCAGGAGTCT
 CTTGACAGAACTGGACGCTTTGTCTGAATCCTCTTCAAGTGTGAAGACAGACCTTCCACAAACAGCCG
 AGTCTAGGAAAAAGTCGGGCAGGCAGTGACAAGAGTCTTGTGAAGACACAGCTGTGCAGACGCCAGA
 TCCTGCCTTACCTACGAGTGGACCAAGGCCCTGACCGCTTACAGCCGCGCGTGTGGCACTCCATGAT
 GTGCTGAAGCAGCAGCTGAGCCTGACGCAGCAGTTCATCCAGGCCAGCCGACCTGCACGCTCCCTCC
 TGCCTCCCTGGACGCGGACTCCTTCCACTACCACCCCTGGAGGAAGCCAAAGAGTACATTAGGTGCCA
 CAGACCTGCCCCACTGACCATGGAGGATGCCCTGGAGGAGGTGAACAAGGAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239136 representing NM_001288834
 Red=Cloning site Green=Tags(s)

MASARKASRPMRDVFGDFSDVSLEDSTMEIIRNFQISRNLTKIAPGHSRFLKRNQTLDEKHLKKENPVL
 GSGPRLASCRPPTASRIRANAALMKLAQLETRIMNRKLQRNLSDTESDSMTADAGLPRADRILSGGAL
 ELASQNTDKTSQNAARELPVTENNAQNAKVSRLKKKQAPVENISPEAPAGKERTLQTPKQKEPARTFDS
 PDSDEEEMKVLLGSLMDSSREKNTNQGFSSANVSEEEERKLFVPSQLRAFTVPSVELSSAKPSQTSHP
 TSLAADRTLHSTRSRADYPQSHVSSDTASHTPSVSIITGAFSNSVSLKMGHVKLVSPPGRSEAETVDEPVS
 EGADDSLDEFINILSLDGLAPAVSENSDLEQEEESAQRQKTAGKIFRAEASTGQDAPRQAQARSWASQG
 KAASAEGDESEVSEHLSSASASAIQQDSTSSMQPPSEAPMVNTVSSAYSEDFENSPSLTASEPTAHSKES
 LDRTLDALESSESSVKTDLPQTAEARKKSGRHVTRVLVKDTAVQTPDPAFTYEWTKALTAYSPAVLALHD
 VLKQQLSLTQQFIQASRHLHASLLRSLDADSFHYHTLEEKEYIRCHRPAPLTMEDALEEVNKL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001288834

ORF Size: 1875 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_001288834.2](#)

RefSeq Size: 2531 bp

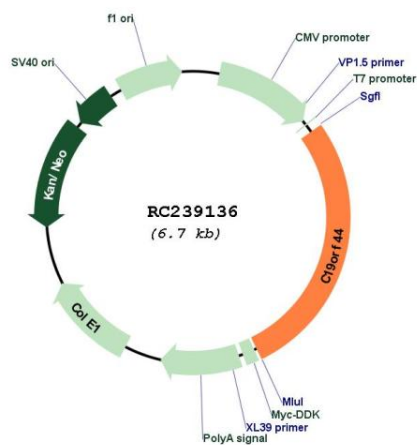
RefSeq ORF: 1878 bp

Locus ID: 84167

Cytogenetics: 19p13.11

MW: 68.7 kDa

Product images:



Circular map for RC239136