

Product datasheet for **RC230425**

C18orf63 (NM_001174123) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C18orf63 (NM_001174123) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C18orf63
Synonyms:	DKFZP781G0119
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC230425 representing NM_001174123
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGATTCTAGGCAGCAGTCTCTGTTCTTCATCACACTTCCAGATTTAAACAAACTCTGTGCTGTCA
 GAATAATACTGAGTAATAAGGTGGCAGATACTGAGATTAGGACTATACAAATGAAGATGTGCAGGCAATT
 GCTGTTTTTGCATCAAGATATTCTTACATCACCTGTGTCTGGAATATTAAACCAATCTGGGTGGTGATG
 GCGATACCATTTTATAAAGCAAGAAAACTTAATGCCTATGTTGAAAAATATGGAGCTAAGATGGAGGCTC
 CACAAAGAGTAATTCTGTAAATCTTCAGAACTGCCTGTCATATTCATTCATGGCTAGACTTGCTCCAGC
 CTGGAATAGAAGTGGTCATCTCTTGATACAAGGAAGAGATTTCTTTCTCAGATGGGAAAACAAAGTGCT
 GTTGATTAAACATCAATGTAAACAGAACTCAAGTTTGTCTAAGTATAGAAGCTGCACAATCAGACTGC
 CAGCACCTGAGCTAAAAGAGTTTGAGATTTCCAGAGTATTATAAAGGATTTTCATGCTAACAAGCATGC
 TGTCAATTGAGAGACATTCCATTTTAAGCAACTGGTGCTACGTTTTGCCAAGTATGAAAATGGGACAAATT
 ATAAATATTTTTCATGCCATCCCGCTGCCTGTCTTTTCACTCATATGGAGATTTCCAGAGACACTGGG
 ATGCCCTGTATGGCTATAAACTTCCAGGTGATTGTGAAAAAATTTAAATATACTGCAACATCTATTTCAA
 AATGCTCGGAGAAAGGACCTTCACATATCCTCTCAGTTGCATCAGAACTCAGCCCATGCAGTTCTTTCCA
 AGGGTAGATTTCGGAAGTTGTGTTGAAAAGTTTCTTTTCAGATTTAAATCTAACTGCCCATATATGTG
 GATTTCCCATAAAGATGACAAGTAAACCATGCTACTACACACAAGAACTAACTAACTAATATACAGGA
 ACACAAAGTCAAGCCACCCAATTTGACCACTAAAAATGCTTAGGGCATCTCTGACTCAAGCCACTTCC
 AGAAAGCTGCCTGTGCTCAAAGTCTTCTACCATGTTCAAGTACAGTGGACCACAAGGTGGAGCTTTAG
 TCAGCCAGCCAACATCAGGCATTTTCTCAGCTTTCATCTCCAGCCAGAGTCTGTTCAAGGTAGAAAGAA
 ATCCCTGTCTATCAGGGCTCCACAAGTACATTGCAAGTATTAATGCCCAACAGAGGAAATACTCAAGTT
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 TATAGTAGTAACATTGAGATGCAGGCTGCTAACAATTTAAATCAGGAGAATTCAGACCTCTGCAAGAAA
 AAAATACAGAGTCTTCTGAAAAATGACAAAAATTTCCCTCTTCTCGTGGAAAAATCGACTGTGAGTTTAA
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 ACTGCTACAGCAGCAATCAGAAAATCAAGCTAAAGAAGTTGGTACAAGTGACCACAGGTTGATAGTAAGC
 AAAATAGCCACAGGTCTAAAAGAAAATATGTCCAGAGTCTTCCAAAATTTCAAAGAAGCATATTCCG
 ATACTGTGCACTATGGCCAATCCAGTTCTTCTAAGAAGCAGATACTTGACTCGGATAAATCAAACTTAA
 GAAATCTCTCATTCATTAATGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC230425 representing NM_001174123
 Red=Cloning site Green=Tags(s)

MNDSRQQSLFFITLPDLNKLCAVRIILSNKVADTEIRTIQMKMCRQLFLHQDILTSPVSGILNQIWWVM
 AIPFYKARKLNAYVEKYGAKMEAPQRPVILQNCLSYSFMARLAPAWNRTGHLIIQGRDFLSQMGKQSA
 VVLNINVTTETQVCLSI EACTIRLPAPELKEFEISQSIKDFHANKHAVIERHSILSNWCYVLP SMKMGQI
 INIFHAIPAACPFHSYGDFQRHWDALYGKLP GDCGKIKIYCNIFYKMLGERTFTTYPLSCIRSQPMQFFP
 RVDSEVVLKSFLSDLKSKLPHICGFPIKMTSKPCYYTQELTKPNIQEHLKVPNNLT TTKMLRASLTQATS
 RKPACAQSLLPSCSAVDHKLVELSVSQPTSGIFSALHLQPESVQGRKKSLSIRAPQVHSEVLMPNRGNTQV
 QHTNLSSQSNITPKFVPVFNRLQMNKNTSVLGSPKRQHDVTQSKLFLSKTSMIQHDKLNLGPAIKNR
 YSSNIQMQAANNLNQENSRLQEKNTESENMTKFPSSRGKSTVSLNKNKQLSNSAVFVVSNNNLGVVKS
 AVDFQMGKENLTGKGITQILGKSHGSLKLKRQPHIFESDGETEDPRLLQQQSENQAVEGTSDHRLIVS
 KIAHRSKRKLCPSSSKTSKKHSDTVHYGQSSSSKKQILDSDSKSLKSLIIHNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8036_c05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001174123

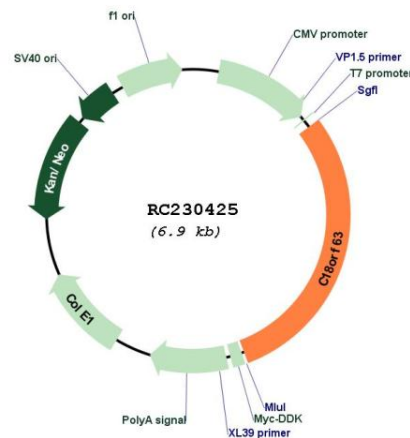
ORF Size: 2055 bp

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:	<u>NM_001174123.2</u>
RefSeq ORF:	2058 bp
Locus ID:	644041
UniProt ID:	<u>Q68DL7</u>
Cytogenetics:	18q22.3
MW:	77.7 kDa

Product images:



Circular map for RC230425