

## Product datasheet for **RC230496**

### **C3orf20 (NM\_001184958) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C3orf20 (NM_001184958) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C3orf20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC230496 representing NM\_001184958  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCCCGTGAGGTGCGCACCCACCAGGAGACCCTGAACAGGTTTCAGCAGCAGTCCATCCACCTGCTGA  
 CGGAGCTCCTCAGACTGAAGATGAAGGCCATGGTGGAGTCTATGTCGGTGGGTGCCAACCCCTTGGACAT  
 CACCAGGCGCTTTGTGGAGGCCAGCCAGCTCCTCCACCTCAATGCCAAGGAGATGGCCTTCAACTGCCTG  
 ATCAGCACAGCCGGGAGAAGTGGCTACAGCAGCGGACAGTTGTGGAAAGAGTCCCTCGAAAACATGTCCG  
 CCATTGGGGTGAAGTGCCTTACCAGCTGATCTACCCTTACACAGCCTGTCTGAGCTTTTCTCTCTC  
 TGCTGGAAAAGAAGCCAGAAGAAAATAGGCAATCTAGAACTACAGAAGATGTCAGCATGCCGCCCTG  
 CATCGAGGAGTGGGAACCCCTGCCAACAGCCTGGAGTTCAGCGACCCCTGCCCTGAGGCCGGGAGAAGC  
 TGCAGGAGTTGTGTCGCCACATAGAAGCTGAAAGGACCACATGAAAGGGAGGAATATCTCTACCCCAT  
 GATCTTACGAACTACAAGGCAAAGATGCCCTCATCTAATGTTGGCCCGCAAAGGAGACTCTCAGACC  
 CCGGGTTTACATTACCCTCCACTGCAGGTGCTCAGACTCTCAGCCCCACCTCTACCCATCTTCTGCCA  
 ACCATCATTTTCAGTCAGCATTGTCAAGAGGGGAAGGCACCCAAGAAGGCCTTCAAGTTTCATTACACCTT  
 CTATGATGGCTCCTCCTCGTTTACTATCCCTCTGGAAACGTGCTGTATGTCAGATCCCCACATGCTGC  
 AGAGGGAGAACCCTCACCTGCCTCTTAAATGACATACCTGGATTCTCCTTGTGGCCGATTCAATACTG  
 AAGGCCAGGGCTGTGTTCACTACAACCTAAAACCAGTTGCCCATATGCTTAACTTGGATGAGGAAGG  
 TGGGACCACCAATGACCAGCAGGGCTATGTAGTCCACAAGTGGAGCTGGACTTCCAGGACAGAGACCCTG  
 CTTTCCCTGGAATACAAGGTGAATGAGGAAATGAACTAAAGTACTGGGACAGGACTCCATCACAGTCA  
 CCTTCACTCCCTGAATGAGACAGTAACACTACTGTGTCGGCCAACAATTGCCCCATGGAATGGCATA  
 TGACAAAACGGCTGAACCGCAGAATCAGCAACATGGACGACAAGGTGTATAAGATGAGCCGAGCCCTGGCT  
 GAGATCAAGAAGCGGTTTCAGAAGACAGTACTCAGTTTCAATTAATTCTATCTTGTGCGCCGAGGTCTGT  
 TTACCATTGAATATCCCACAAAAGGAGGAGGAAGAATTTGTTTCGGTTCAAGATGAGATCCAGAACTCA  
 TCCCGAGCGGCTCCCAAGCTAAGTTTATACTCAGGAGAAAGTCTTTTACGATCTCAGTCAGGCCACCTG  
 GAATCCTCAATTGCAGAGACTTTGAAGGATGAGCCTGAGTCTGCTCCTGTGAGCCAGTTCGGAAGACCA  
 CCAAAATCCACACCAAGCCAAGGTCACATCCAGAGGGAAGGCCCGGAGGGGCGCAGCCCCACCAGGTG  
 GCGGCCCTGCCCTCAGACTGCCCGCTGGTCTGCGGAAGCTCATGCTCAAGGAAGACACCCGTGCTGGC  
 TGCAAGTGCCTGGTGAAGGCGCCCTGGTCTCTGACGTGGAGCTGGAGCGCTTCTGTTGGCGCCCCGAG  
 ACCCCAGCCAAGTGTGTTGGGATCATCTCAAGCCAGAACTACACCAGCACTGGGCAGCTCCAGTG  
 GCTGCTGAACACTCTCTACAACCACCAGCAGCGGGCCGTGGCTCCCCCTGCATCCAGTGCCTGATGAC  
 TCCTACCGCTGCTGAGTATGACTGGACAGCCCCCTGCAGGAGGACCCTCCCCTGATGGTGAAGAAGA  
 ACTCTGTGGTGCAGGGGATGATTCTGATGTTTGGCGGGGGAAGCTCATTTTTGGGGCCGTGTTTTGAA  
 TGGATATGGCCTCAGCAAGCAGAATCTGCTGAAACAGATCTTCCGGTCTCAACAGGATTACAAGATGGGC  
 TACTTCTGCCGATGACTACAAATTCAGTGTCCCAACTCTGCTGAGCCTGGAGGATTCTGAATCAG  
 TCAAGAAAGCCGAGTCAAGATATCCAAGGAAGCAGCTCCTCATTGGCCCTGGAAGACTATGTGGAGAA  
 GGAGTTATCTCTGGAGGCTGAGAAGACAAGAGAGCCTGAAGTGGAGCTACATCTCTCAGCAGGGACAGC  
 AAGATAACTAGTTGGAAGAAGCAGGCCTCCAAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

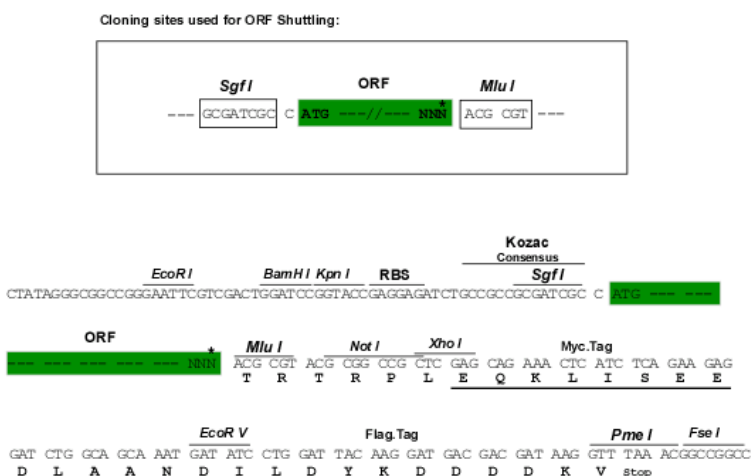
**Protein Sequence:** >RC230496 representing NM\_001184958  
 Red=Cloning site Green=Tags(s)

```
MARQVRTHQETLNRFQQSIHLLTELLRLKMKAMVESMSVGNPLDITRRFVEASQLLHLNAKEMAFNCL
ISTAGRSYGSSGQLWKESLANMSAIGVNSPYQLIYHSYTACLSFSLSAGKEAKKIGKSRRTTEDVSMPL
HRGVGTPANSLEFSDPCPEAREKLQELCRHIEAERTTWKGRNISYPMILRNYKAKMPSHMLARKGDSQT
PGLHYPPTAGAQTLSPTSHPSSANHHFSQHCQEGKAPKAKFKHYTFYDGSFVYVPSGNVAVCQIPTCC
RGRTVTVCLFNDIPGFSLLAVFNTEGQGCVHYNLKTSCPYYLILDEEGTTNDQQGYVVKWSWTSRTETL
LSLEYKVNEEMKLVLGQDSITVFTSLNETVTLTVSANNCPHGMAYDKRLNRRISNMDDKVYKMSRALA
EIKKRFQKTVTQFINSILLAAGLFTIEYPTKKEEEEFVRFKMSRTHPERLPKLSLYSGESLLRSQSGHL
ESSIAETLKDEPESAPVSPVRKTKIHTKAKVTSRGKAREGRSPTRWAALPSDCPLVLRKMLKEDTRAG
CKCLVKAPLVSDVELERFLLAPRDPVQLVFGIISQNYTSTGQLQWLLNLYNHQQRGRGSPCIQCRYD
SYRLQLYDLSDPLQEDPPLMVKNSVVQGMILMFAGGKLIFGGRVNLNGYGLSKQNLKQIFRSQQDYKMG
YFLPDDYKFSVPNSVLSLEDSSEVKKAESEDIQSSSSSLALEDYVEKELSLEAEKTREPEVELHPLSRDS
KITSWKKQASKK
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001184958

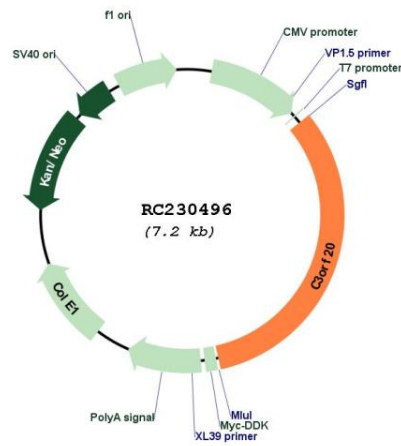
**ORF Size:** 2346 bp

**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.
- RefSeq:** [NM\\_001184958.1](#), [NP\\_001171887.1](#)
- RefSeq ORF:** 2349 bp
- Locus ID:** 84077
- UniProt ID:** [Q8ND61](#)
- Cytogenetics:** 3p25.1
- MW:** 88.5 kDa

**Product images:**



Circular map for RC230496