

## Product datasheet for RC228260

### C6orf163 (NM\_001010868) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf163 (NM_001010868) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C6orf163
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC228260 representing NM_001010868 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATCAGAAATTCAGATTACAAAACTTTGTTTGTGTGCTGTTTGTAAATAAAATAATCCACCAGCCC  
CTTTTGGAAAAACCTTCAAACGGATCCATGAATACAAGCCACTTAAGACACGCTTTTACACTCACAAGA  
CATACTAGATATTGGGGCAAATATTCTGAAAAAGAAGAGCAGTTCAAGAAGATATACTCAGAGAACAC  
ATTGCGAAAGCAGAAGCTGAAGTATGGGCTCAGGCTAATGAACGTCAAAAACAAGCAGTGGAGAAAGCAG  
TTGAAGAAGCAAATGACAGACACAAAATTGAAATTCAGATTTTGAAGAGGAACATCAGAAAGATTTACA  
GGAAGTGACAGCTAAAATAAGACAGAGATGTATCAAAACATGGATGACGAAATGAAGAGAGAGCACTTG  
GCTGCAGAACAGCGCATGGTCCACAGAATCCAAAGGATTATGATGGAATGCCACAGAGAGAAGGTCGAAG  
CTGTGGAGAAAGCCAGGGCTGAAGAAAGACACATCGCCAGGAAGCAATCCAGGCCAGAAAAGCAAAGC  
CGTGGAGGAAATGTGAATACTGGTGTACAGTTATTAAGGATGAGAAGACCAGTGTGGCCCGACTGATG  
AGGGAAAAAGAACATGAAATGAGCATCCTCTATGGCATAGCTCAGAGGCAGAGGCAAGAAGGTTACAGG  
AAGTGCTTCAAGAAGCAGAGAAAACACATCAGGCCACTTTGGCAATATGATGGATAAACTGGCTAACAC  
CCAGGGGGAGCTGCTGTCTATAGCAAAACAACTGGGAATCATGACAAATTGGAAAGATTTCTAGAGGAG  
GAATTACAGGAAACCAGGATGGCATTTCAAAAATACATCAATTACCTTTCCTAAGCTTTCACCAGGAC  
ATGCAGATTTTATTCTGCCAGAAAGAAAGAAAACACCTTCTAATCTTGTATTAAGGAGAACAAAACAAC  
TCTTGAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC228260 representing NM\_001010868  
Red=Cloning site Green=Tags(s)

MIRNSDYKNFVCCAVCNKIIPPAPFGKTFKRIHEYKPLKTRFYTHKDILDIGANILKKEEQFQEDILREH  
 IAKAEAEVWAQANERQKQAVEKALEEANDRHKIEIQILKEEHQKDLQEVTAKTTEMYQNMDDEMCREHL  
 AAEQRMVHRIQRIMMECHREKVEAVEKARAEERHIAQEAIQAQKSKAVEEIVNTGVTVIKDEKTSVARLM  
 REKEHEMSILYGIQRQRQEEVQEVLEAEKTHQATLGNMMDKLANTQGELL SIAKQLGIMTNWKDFLEE  
 ELQETRMFAQKYINYTFPKLSPGHADFILPERKKTPSNLVIKENKTTLD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8039\\_c05.zip](https://cdn.origene.com/chromatograms/mk8039_c05.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NM\_001010868

**ORF Size:** 987 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\\_001010868.3](#)

**RefSeq ORF:** 990 bp

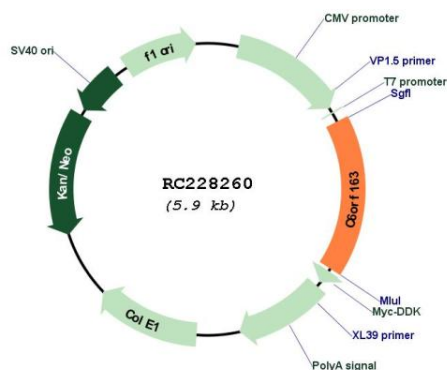
**Locus ID:** 206412

**UniProt ID:** [Q5TEZ5](#)

**Cytogenetics:** 6q15

**MW:** 38.4 kDa

### Product images:



Circular map for RC228260