

## Product datasheet for RC205731

### C9orf116 (NM\_144654) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C9orf116 (NM\_144654) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** C9orf116  
**Synonyms:** PIERCE1; RbEST47  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC205731 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

**ATGGCTGAGGAATGCCCCAGAGCGTGCGCGGAGCCTGTGGCGCCAAGGCCACGGCCCCGCGGAGAGGA**  
**CCAGCGACTACTACCGCGTGAGCGCGGACCTGCCGGGCAGGTTCAACAACCCGGGTGGTTCCGGGGCTA**  
**CAGGACCCAGAAGGCTGTCTCCGTGTACAGGACCAGTAACCAGGCTTACGGGAGCAGAGCCCCACCGTG**  
**CACGAGATGCCTCGGGTGAATGTTCCGGAACAATACTCTCAATGTTTACCTGGAGAAAAGCATCG**

**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**  
**ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:** >RC205731 protein sequence  
Red=Cloning site Green=Tags(s)

MAEECPRACAEPVAPKATAPPERTSDYYRVSADLPGRFNNPGWFRGYRTQKAVSVYRYSNQAYGSRAPT  
VHEMPRVECSGITLSMFTWRKAS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6437\\_h09.zip](https://cdn.origene.com/chromatograms/mk6437_h09.zip)

**Restriction Sites:** Sgfl-Mlul

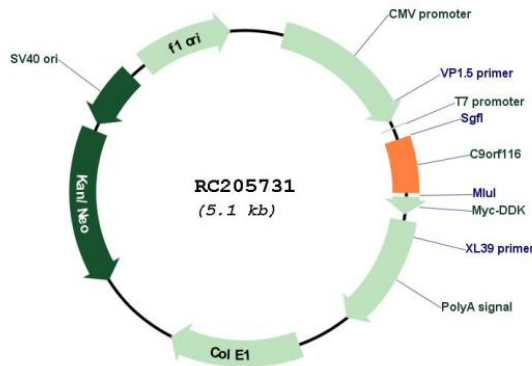


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Cloning Scheme:



Plasmid Map:

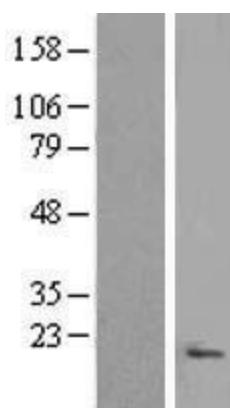


ACCN: NM\_144654

ORF Size: 276 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.
RefSeq:	<a href="#">NM_144654.3</a>
RefSeq Size:	685 bp
RefSeq ORF:	279 bp
Locus ID:	138162
UniProt ID:	<a href="#">Q5BN46</a>
MW:	10.3 kDa

**Product images:**

Western blot validation of overexpression lysate (Cat# [LY408195]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205731 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).