

## Product datasheet for **RC224079**

### CLUL1 (NM\_199167) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLUL1 (NM_199167) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLUL1
Synonyms:	RA337M
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC224079 representing NM\_199167  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGCCGCCACTCTTGGTGTATTATTGTGTGTCTGCTGTGGTTGAAAGACAGTCACTGCGCACCCACTT  
 GGAAGGACAAAACCTGCTATCAGTGAAAACCTGAAGAGTTTTCTGAGGTGGGGGAGATAGATGCAGATGA  
 AGAGGTGAAGAAGGCTTTGACTGGTATTAAAGCAATGAAAATCATGATGGAAAGAAAAGAGAAGGAACAC  
 ACCAATCTAATGAGCACCTGAAGAAATGCAGAGAAGAAAAGCAGGAGGCCCTGAAACTTCTGAATGAAG  
 TTCAAGAACATCTGGAGGAAGAAGAAAGGCTATGCCGGGAGTCTTTGGCAGATTCCTGGGGTGAATGCAG  
 GTCTTGCCTGGAAAATACTGCATGAGAATTTATAACAACCTGCCAACCTAGCTGGTCTCTGTGAAAAAT  
 AAGATTGAACGGTTTTTCAGGAAGATATATCAATTTCTATTTCTTTCCATGAAGATAATGAAAAAGATC  
 TCCCCATCAGTAAAAGCTCATTGAGGAAGATGCACAATTGACCCAAATGGAGGATGTGTTCAGCCAGTT  
 GACTGTGGATGTGAATTCCTCTTTAACAGGAGTTTTAACGTCTTCAGACAGATGCAGCAAGAGTTTGAC  
 CAGACTTTTCAATCACATTTTATATCAGATACAGACCTAACTGAGCCTTACTTTTTTCCAGCTTTCTCTA  
 AAGAGCCGATGACAAAAGCAGATCTTGACAATGTTGGGACATCCCAACTTCTTCCAGCTGTTTTGTAA  
 TTTCAAGTGTCTATTTATGAAAGTGTCAAGTAAACAATTACTAAGATGCTGAAGGCAATAGAAGATTTA  
 CAAAACAAGACAAGCTCCTGACCACGGAGGCCCTGATTTCAAAGATGTTACCTGGGCAGGACAGAGGAC  
 TGTGTGGGAACTTGACCAGAAATTTGTCAAGATGTTTCAAATTTTCAATTTTCAATTTTCAATTTTCAATTT  
 TCACTATCTGAAGACTGTCTGATGTACCTGCTGTCACACAGAATTAGACGAGGCGATCAGGTTGGTC  
 AATGTATCCAATCAGCAGTATGGCCAGATCTCCAGATGACCCGGAAGCACTTGGAGGACACCCGCTATC  
 TGGTGGAGAAGATGAGAGGGCAATTTGGCTGGGTGTCTGAATGGCAAACCAGGCCCCAGAAACAGAGATC  
 CATCTTTAATCAATACAGGTAGTTCCAAGGATTCATGAAGGAAATATTTCCAAACAAGATGAAACAATG  
 ATGACAGACTTAAGCATTCTGCCTTCTCTAATTTCACTCAAGATCCCTCTTGAAGAAAGTGTGAGA  
 GTTCTAATTCATTGGCTACGTAGTGGCAAAGCTCTACAGCATTTTAAGGAACATTTTAAACCTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC224079 representing NM\_199167  
 Red=Cloning site Green=Tags(s)

MKPPLLVFIVCLLWLKDSHCAPTWKDKTAISENLKSFSEVGEIDAEVKKALTGIKQMKIMMERKEKEH  
 TNLMSTLKKCREEKQEALKLLNEVQEHLEEEERLCRESLADSWGECRSCLENNCMRIYTTCPSSWSVKN  
 KIERFFRKIYQFLFPFHEDNEKDLPISEKLIIEEDAQLTQMEDVFSQLTVDVNSLFNRSFNVFRQMQQEF  
 QTFQSHFISDIDLTEPYFFPAFSKEPMTKADLEQCWDIPNFFQLFCNFSVSIYESVSETITKMLKAIEDL  
 PKQDKAPDHGGLISKMLPGQDRGLCGELDQNLRCFKFHEKCQKQAHLSLSEDCPDVPAALHTELDEAIRLV  
 NVSNQQYQILQMRKHLEDAYLVEKMRGQFGWVSELANQAPETEIFNSIQVVPRIHEGNIISKQDETM  
 MTDLSILPSSNFTLKIPLLEESAESSNFIGYVVAKALQHFKEHFKTW

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



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

**ACCN:** NM\_199167

**ORF Size:** 1398 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\\_199167.1](#), [NP\\_954636.1](#)
**RefSeq Size:** 1877 bp

**RefSeq ORF:** 1401 bp

**Locus ID:** 27098

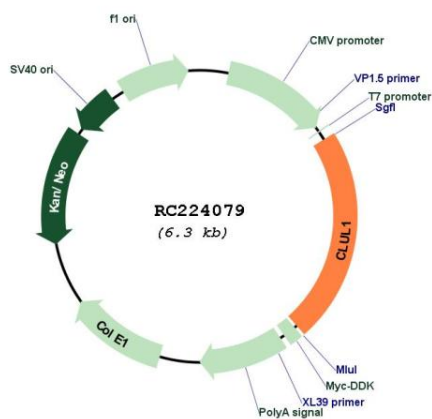
**UniProt ID:** [Q15846](#)

Cytogenetics: 18p11.32

Protein Families: Secreted Protein

MW: 54 kDa

**Product images:**



Circular map for RC224079