

Product datasheet for **RC205210**

CLUL1 (NM_014410) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CLUL1 (NM_014410) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | CLUL1 |
| Synonyms: | RA337M |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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ORF Nucleotide Sequence:

>RC205210 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGCCGCCACTCTTGGTGTATTATTGTGTGTCTGCTGTGGTTGAAAGACAGTCACTGCGCACCCACTT
 GGAAGGACAAAACCTGCTATCAGTGAAAACCTGAAGAGTTTTCTGAGGTGGGGGAGATAGATGCAGATGA
 AGAGGTGAAGAAGGCTTTGACTGGTATTAAAGCAATGAAAATCATGATGGAAAGAAAAGAGAAGGAACAC
 ACCAATCTAATGAGCACCTGAAGAAATGCAGAGAAGAAAAGCAGGAGGCCCTGAAACTTCTGAATGAAG
 TTCAAGAACATCTGGAGGAAGAAGAAAGGCTATGCCGGGAGTCTTTGGCAGATTCCTGGGGTGAATGCAG
 GTCTTGCCTGGAAAATACTGCATGAGAATTTATACAACCTGCCAACCTAGCTGGTCTCTGTGAAAAAT
 AAGATTGAACGGTTTTTCAGGAAGATATATCAATTTCTATTTCTTTCCATGAAGATAATGAAAAAGATC
 TCCCCATCAGTAAAAGCTCATTGAGGAAGATGCACAATTGACCCAAATGGAGGATGTGTTCCAGCCAGTT
 GACTGTGGATGTGAATTCCTCTTTAACAGGAGTTTTAACGTCTTCAGACAGATGCAGCAAGAGTTTGAC
 CAGACTTTTCAATCACATTTTATATCAGATACAGACCTAACTGAGCCTTACTTTTTTCCAGCTTTCTCTA
 AAGAGCCGATGACAAAAGCAGATCTTGACAATGTTGGGACATCCCAACTTCTTCCAGCTGTTTTGTAA
 TTTTCAGTGTCTATTTATGAAAGTGTCAAGTAAACAATTACTAAGATGCTGAAGGCAATAGAAGATTTA
 CAAAAACAAGACAAGCTCCTGACCACGGAGGCCCTGATTTCAAAGATGTTACCTGGGCAGGACAGAGGAC
 TGTGTGGGAACTTGACCAGAATTTGTCAAGATGTTTCAAATTTTCAATGAAAAATGCCAAAATGTCAGGC
 TCACCTATCTGAAGACTGTCTGATGTACCTGCTGTCACACAGAATTAGACGAGGCGATCAGGTTGGTC
 AATGTATCCAATCAGCAGTATGGCCAGATCTCCAGATGACCCGGAAGCACTTGGAGGACACCCGCATC
 TGGTGGAGAAGATGAGAGGGCAATTTGGCTGGGTGTCTGAATGGCAAACCAGGCCAGAAACAGAGATC
 CATCTTTAATCAATACAGGTAGTTCCAAGGATTCATGAAGGAAATATTTCCAAACAAGATGAAACAATG
 ATGACAGACTTAAGCATTCTGCCTTCTCTAATTTCACTCAAGATCCCTCTTGAAGAAAGTGTGAGA
 GTTCTAACTTCATTGGCTACGTAGTGGCAAAGCTCTACAGCATTTTAAGGAACATTTTAAACCTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205210 protein sequence
 Red=Cloning site Green=Tags(s)

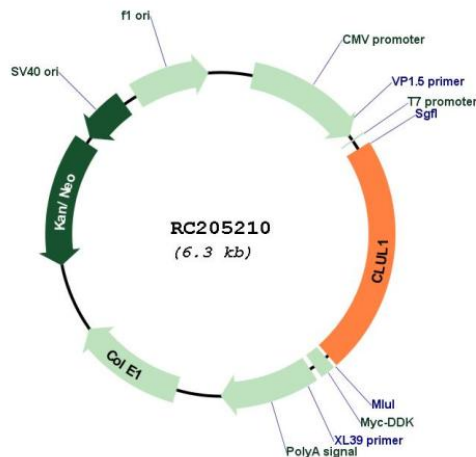
MKPPLLVFIVCLLWLKDSHCAPTWKDKTAISENLKSFSEVGEIDAEDEVKALTGIKQMKIMMERKEKEH
 TNLMSTLKKCREEKQEALKLLNEVQEHLEEEERLCRESLADSWGECRSCLENNCMRIYTTCPQPSWSSVKN
 KIERFFRKIYQFLPFPHEDNEKDLPISEKLIIEEDAQLTQMEDVFSQLTVDVNSLFRNSFNVFRMQQEFQ
 QTFQSHFISDSDLTEPYFFPAFSKEPMTKADLEQCWDIPNFFQLFCNFSVSIYESVSETITKMLKAIEDL
 PKQDKAPDHGGLISKMLPGQDRGLCGELDQNL SRCFKFHEKQCQCAHLSEDCPDV PALHTELDEAIRLV
 NVSNQQYQILQMRKHLEDYALVEKMRGQFGWVSELANQAPETEIIIFNSIQVVPRIHEGNISKQDET
 MTDLSILPSSNFTLKIPLLEESAESSNFIGYVAKALQHFKEHFKTW

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_014410

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_014410.4](#), [NP_055225.1](#)

RefSeq Size: 1951 bp

RefSeq ORF: 1401 bp

Locus ID: 27098

UniProt ID: [Q15846](#)

Cytogenetics: 18p11.32

Domains: CLa

Protein Families: Secreted Protein

MW: 54.2 kDa