

## Product datasheet for **RC238689**

### CLUL1 (NM\_001289036) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLUL1 (NM_001289036) 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:**

>RC238689 representing NM\_001289036  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGGACCTGGGACTACAGATGGAGTCTTGCTCTCGTTGCCAGACTGGAGTGCCTGCTGCAATCTCA  
 GCTCACTGCAACCTCTACTCCAGTTCAAGCGATTCTCCTGCCTCAGCCTCTCGAGTGGCTGGGACTA  
 TAGTAACAGCGGGAACATGAAGCCGCCACTCTTGGTGTATTATTGTGTGTCTGCTGTGTTGAAAGACAGT  
 CACTGCGCACCCACTTGAAGGACAAAAGTCTATCAGTGAACCTGAAGAGTTTTTCTGAGGTGGGG  
 AGATAGATGCAGATGAAGAGGTGAAGAAGGCTTTGACTGGTATTAAGCAAATGAAATCATGATGGAAAG  
 AAAAGAGAAGGAACACACCAATCTAATGAGCACCTGAAGAAATGCAGAGAAGAAAAGCAGGAGGCCCTG  
 AAATTCTGAATGAAGTCAAGAACATCTGGAGGAAGAAGAAAGGCTATGCCGGGAGTCTTTGGCAGATT  
 CCTGGGTGAATGCAGGCTTGCCTGGAAAATAACTGCATGAGAAATTTACAACCTGCCAACCTAGCTG  
 GTCCTCTGTGAAAAATAAGATTGAACGGTTTTTTCAGGAAGATATCAATTTCTATTTCCCTTCCATGAA  
 GATAATGAAAAAGATCTCCCATCAGTGAAGGCTCATTGAGGAAGATGCACAATTGACCCAAATGGAGG  
 ATGTGTTACGCCAGTTGACTGTGGATGTGAATTCTCTCTTAAACAGGAGTTTTAACGTCTTCAGACAGAT  
 GCAGCAAGAGTTTGACCAGACTTTCAATCACATTTATATCAGATACAGACCTAACTGAGCCTTACTTT  
 TTTCCAGCTTTCTCTAAAGAGCCGATGACAAAAGCAGATCTTGAGCAATGTTGGGACATTCCTCACTTCT  
 TCCAGCTGTTTTGTAATTTCAAGTGTCTATTTATGAAAGTGTCAAGTAACTAAGATGCTGAA  
 GGCAATAGAAGATTTACAAAACAAGACAAAGCTCCTGACCACGGAGGCTGATTTCAAAGATGTTACCT  
 GGGCAGGACAGAGGACTGTGGGGAACCTGACCAGAAATTTGTCAAGATGTTCAAATTTCAATGAAAAAT  
 GCCAAAAATGTCAGGCTACCTATCTGAAGACTGCTCTGATGTACCTGCTGACACAGAAATGACGAG  
 GCGGATCAGGTTGGTCAATGTATCCAATCAGCAGTATGGCCAGATTCTCCAGATGACCCGGAAGCACTTG  
 GAGGACACCGCCTATCTGGTGGAGAAGATGAGAGGGCAATTTGGCTGGGTGTCTGAACTGGCAAACCAGG  
 CCCCAGAAACAGAGATCATCTTTAATCAATACAGGTAGTTCCAAGGATTCATGAAGGAAATATTTCCAA  
 ACAAGATGAAACAATGATGACAGACTTAAGCATTCTGCCTTCTCTAATTTCACTCAAGATCCCTCTT  
 GAAGAAAGTGTGAGAGTTCTAAGTTCATTGGCTACGTAGTGGCAAAGCTCTACAGCATTTAAGGAAC  
 ATTTTAAACCTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC238689 representing NM\_001289036  
 Red=Cloning site Green=Tags(s)

MRTWDYRWSLALVAQTGVHCCNLSSLQPLPPRFKRFSCLSLSSGWDYSNSGNMKPPLLVFIVCLLWLKDS  
 HCAPTWKDKTAISENLKSFSEVGEIDAEDEVKALTGIKQMKIMMERKEKEHTNLMSTLKKCREEKQAL  
 KLLNEVQEHLLEEEERLCRESLADSWGECRSCLENMCMRIYTTCPQSWSSVKNKIERFFRKIYQFLFPFHE  
 DNEKDLPISEKLEEDAQLTQMEDVFSQLTVDVNSLFNRSFNVFRMQQEFDQTFQSHFISDTDLTEPYF  
 FPAF SKEPMTKADLEQCWDIPNFFQLFCNFSVSIYESVSETITKMLKAIEDLPKQDKAPDHGGLISKMLP  
 GQDRGLCGELDQNL SRCFKFHEKCKQCAHL SEDCPDVPALHTELDEAIRLVNVSNNQYQQLQMTRKHL  
 EDTAYLVEKMRGQFGWVSELANQAPETE.IIFNSIQVVPRIHEGNI SKQDETMMDLSILPSSNFTLKIPL  
 EESAESSNFIGYVAKALQHFKEHFKTW

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

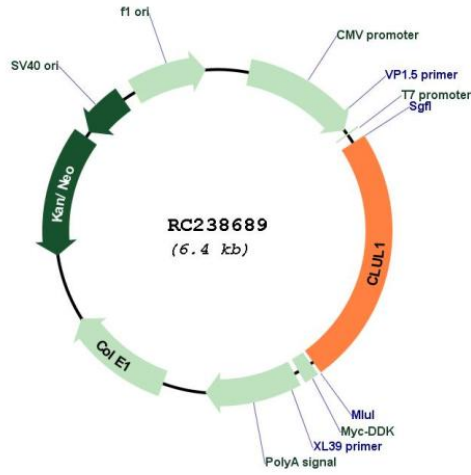
Cloning Scheme:

Cloning sites used for ORF Shuttling:



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

Plasmid Map:



<b>ACCN:</b>	NM_001289036
<b>ORF Size:</b>	1554 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001289036.1</a> , <a href="#">NP_001275965.1</a>
<b>RefSeq Size:</b>	2196 bp
<b>RefSeq ORF:</b>	1557 bp
<b>Locus ID:</b>	27098
<b>UniProt ID:</b>	<a href="#">Q15846</a>
<b>Cytogenetics:</b>	18p11.32
<b>Protein Families:</b>	Secreted Protein
<b>MW:</b>	60.6 kDa