

Product datasheet for **VC101191**

RL11 (NC_006273) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | RL11 (NC_006273) Virus Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | RL11 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >The Viral ORF clone VC101191 represents NCBI reference of YP_081459 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s) |

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGACATATAGCACACCGCTGACCCTCATCATCGTGACAAGCCTCTTCTTGTTTACAACACAGGGAT
CTAGCTTAACGCAGTTGAGCCTACTAAGAAACCTCTGAAATTGGCTAATTATAGAGCCACATGCGAAGA
CCGGACGAGAACCCTGGTGACCAGACTGAATACATCTCATCATTCTGTCGATGGCAAAGATATGACATT
TACTCCCGCTATATGCGGCGGATGCCTCCACTTTGCATCATTACTGATGCCTACAAGAGACTACTCATC
AGGGGGGAGCAACCTTACCTGCACAAGACAGAATCTGACACTTTACAATCTGACAGTCAAGGATACAGG
CGTGATCTGCTCCAAGATCAATACACCGAGACGTTGAGGCCTTTTACCTGATTATCCACCCGAGGTCA
TTTTGTAGAGCCTTGAGACAAGGCGCTGCTTCTATCCAGGCCCTGGCAGAGTCGTGACCGATAGCC
AGGAAGCAGATCGGGCCATAATATCCGACCTGAAAAGGCAATGGAGCGGCCTGTCCCTTCATTGTGCCTG
GGTCTCTGGCTTGATGATTTTTGTAGGAGCCCTCGTAATCTGCTTTTTGCGAAGTCAGCGGATTGGTGAA
CAAGACGCCGAGCAGCTCAGAACAGATCTGGATACTGAGCCCCTGCTGCTGACGGTCGACGGCGATCTGG
AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC101191 representing YP_081459
Red=Cloning sites Green=Tags

MQTYSTPLTLIIVTSFLFTTQGSSNAVEPTKKPLKLANYRATCEDRTRTLVTRLNTHHSVWVWQRYDI
 YSRYMRRMPPLCIITDAYKETHQGGATFTCTRQNLTLYNLTVKDTGVYLLQDQYTGDEAFYLIHPRS
 FCRALETRRCFYPGPRVVVTDSEQEADRAIISDLKRQWSGLSLHCAWVSGLMIFVGALVICFLRSQRIGE
 QDAEQLRTDLDTPELLLLTVDGDLE

TRRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 702 bp

OTI Disclaimer: The molecular sequence of this clone can be viewed by clicking the "ORF Nucleotide Sequence" link above. This sequence represents the NCBI reference after codon optimization for human cell expression, and retaining the same decoded protein sequence. The stop codon in the native sequence was removed to create the in-frame c-terminal fusion with a Myc-DDK tag.

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: [NC_006273.2, YP_081459](#)
RefSeq ORF: 702 bp
Locus ID: 3077515
MW: 26.7 kDa