

## Product datasheet for **VC100879**

### UL15 (NC\_001798) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL15 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>The Viral ORF clone VC100879 represents NCBI reference of NP\_044484 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTTTCGGTCAGCAGCTCGCCAGCGATGTACAGCAATACTTGAACGGCTTGAGAAAACAAAGGCAGCAGA  
AAGTTGGGTTGATGAAGCTTCTGCCGGACTTACCCTGGGCGGAGACGCACTGAGAGTGCCTTCTCGGA  
CTTCGCAACAGCCACACCTAAACGACACCAGACAGTGGTGCCCGCGTGGGGACACTTCATGACTGCTGT  
GAGCACAGCCACTGTTCAAGCGCTCGCGCGGAGACTGCTTCAACTCTCTGGTACCCGCACAGCTGC  
GCGGTAGGGATTTTCGAGGAGATCACACCCTAAGCTCGAATTTTGGCTCCCGAACTCGTCAGAGCAGT  
GGCCAGGCTCCGATTTTCGCGAGTGCCTCCGGAAGACGCGGTGCCCGAGGAAACGCCTACTATTCTGTG  
CTCAACACGTTTCAAGCCCTGCATCGATCCGAAGCCTTTTCGACAACCTGGTCCATTTTCGTCGGGACTTCG  
CGCAATTGCTTAAACTAGCTTCCGGGCGTCAAGTCTCGCAGAGACCCTGGCCACCAAAAAACGCGC  
TAAAGTGGATGTGCAACACATGGGCAGACCTACGGTACACTGGAACCTTTTTCAGAAAGATGATCCTCATG  
CATGCAACCTACTTCTTCCCGCGTCTTCTGGGAGACCATGCTGAGCAAGTCAACACATTCTCAGGC  
TGGTCTTTGAGATCCCGCTCTTGTAGTACGGCCGTCGCCACTTCCGGCAGAGAGCAACCGTGTTTTT  
GGTACCTAGACGCCATGGCAAGACTTGGTTCCTTGTGCCCTGATCGCCCTGTCCTCGAAGTTTTTCGA  
GGCATCAAGATCGGCTACACGGCACACATCCGAAAAGCCACTGAGCCTGTCTTCGATGAAATCGATGCT  
GTCTCAGGGATGGTTCGGAAGCTCTCGCGTGGATCATGTCAAAGGTGAGACAATTTCTTCAGTTTTCC  
TGACGGATCCCGGTCCACCATTGTTTTCCGCTCATCCATAATACAAACGGCATCCGGGGCAAGATTTT  
AATCTCCTGTTCTGGTGGATGAGGCTAATTCATTAGGCCGGATGCTGTGCAGACTATCATGGGCTTCTTA  
ACCAGGCAAATTGCAAGATTATATTCGTGTCTTCAACTAATACGGGTAAGCCTCTACATCCTTCTGTAT  
TAACCTTAGGGGAGCAGCTGATGAACTGCTTAAAGTGTGACATATATTTGTGATGACCACATGCCAAGG  
GTCGTGACACACACCAATGCGACTGCTTGTAGCTTACATTCTCAATAAGCCGGTCTTCAACTATGG  
ACGGTGCCGTGAGGCGCACGGCGGACTTGTCTTGCCTGATTCATTATGCAGGAAATTATCGGGGGCCA  
GGCCCGAGAAACAGGAGACGACCGCCCGGTGCTTACGAAATCCGCAGGTGAGAGGTTCTCCTTTACAGG  
CCTTCTACTACCACAAATAGCGGACTGATGGCACCAGAGTTGTATGTTTACGTTGACCCGGCCTTACCG  
CCAACACTAGAGCCTCTGGGACCGGAATCGCTGTTGTGCGAAGATATAGAGATGACTTCATATTTTTGC  
CCTGGAGCACTTTTTCTCAGGGCACTTACCGGCAGCGCTCCCGCTGACATCGCTAGATGCGTGTGCAC  
AGCCTCGCCAGGTGCTTGCCTGCATCCAGGCGCGTTTTCGGTCCGTGCGGGTGGCTGTGGAGGAAACA  
GTTCCAGGACAGCGCTGTGCTATCGCTACACACGTTTACTGAGATGCACAGAAATCCTCGCTTACAGC  
CGGCGCTAACGGCCAGGCCCTGAGCTGCTTATCATTGCGAACCACCAGGCGGAGCAGTGCTTTAT  
CCCTTCTTTCTGCTTAAACAAGCAGAAGACCCCCGCTTTTGAATATTTTATCAAGAAATTCACAGCGGTG  
GCGTGTAGGCCAGCCAGGAAGTGGTGTCTGTGACTGTGCGACTGCAAACGGACCCCGTGGAGTATCTGAG  
TGAGCAGCTGAACAATCTCATTGAGACCGTGAGCCCTAACACTGATGTGCGAATGTACTCCGGGAAGAGA  
AACGGAGCGGCAGACGATCTGATGGTGGCCGTGATTATGGCTATTTATCTGGCAGCCCTACTGGAATCC  
CCCCCGCTTCTTCCCCATCACGAGAATTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >VC100879 representing NP\_044484  
 Red=Cloning sites Green=Tags

MFGQQLASDVQQYLERLEKQRQQKVGVD EASAGLTLGGDALRVPFLDFATATPKRHQTVVPGVGTLDHCC  
 EHSPLFSAVARRLLFNSLVPAQLRGRDFGGDHTAKLEFLAPELVRAVARLRFRECAPEDAVPQRNAYYSV  
 LNTFQALHRSEAFRQLVHFVRDFAQLLKT SFRASSLAETTGPCKKRAKVDVATHGQTYGTLELFQKMILM  
 HATYFLAAVLLGDHAEQVNTFLRLVFEIPLFSDTAVRHFRQRATVFLVPRRHGKTWFLVPLIALSLASFR  
 GIKIGYTAHIRKATEPVFDEIDACL RGFSGSRVDHVKGETISFSFPDGSRSTIVFASSHNTNGIRGQDF  
 NLLFVDEANFIRPDVQTIMGFLNQANCKIIFV SSTNTGKASTSFLYNLRGAAD ELLNVVTYICDDHMPR  
 VVTHTNATACSCYILNKPVFITMDGAVRR TADLFLPDSFMQEIIIGGQARETGDDR PVLTKSAGERFLLYR  
 PSTTTNSGLMAPELYVYVDP AFTANTRASGTGIAVVG RYRDDFIIFALEHFFLRALTGSAPADIARCVVH  
 SLAQVLALHPGAFRSVRVAVEGSSQDSAVAIATHVHTEMHRILASAGANGPPELLFYHCEPPGGAVLY  
 PFFLLNKQKTPAFEYFIKKFNSGGVMASQELVSVTVRLQTD PVEYLSEQLNLIETVSPNTDVRMYSGKR  
 NGAADDLMVAVIMAIYLAAPTGI PPAFFPITRTS

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NC\_001798

**ORF Size:** 2202 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\\_001798.1](#), [NP\\_044484](#)

**RefSeq ORF:** 2202 bp

**Locus ID:** 1487298

**MW:** 81.0 kDa