

Product datasheet for **VC100873**

UL9 (NC_001798) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL9 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL9
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 VC100873 represents NCBI reference of NP_044478 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGTGGCGACCTGCACACACCAGACCCATCACGCTGCCAGAGCCCCGCGCAACATCCGCTCCTG
GGGCTGCCTCCGGGATCCTTTGGGCGCAAGGAGGCCAATTGGAGACGACGAGTGTGAGCAGTACACCTC
AAGCGTAAGCTTGGCACGGATGCTCTACGGGGCGACCTCGCGGAATGGTCCCAAGAGTCCATCCTAAG
ACGACAATCGAGAGACAACAGCATGGGCCAGTGACTTTCCCGATGCATCAGCCCCGACCGCGGTGTG
TTACCGTGGTGGGGCTCCTATGGGCAGCGCAAAACAACCGCGCTCATCCGCTGGCTCGGCAAGCCAT
CCATCCCGAGACTTCTGTGCTGTTGTATCCTGTGCGAGAAGTTTTACTCAGACGCTCGCTACCAGG
TTCGAGAAATCAGGGCTCCCTGACTTTGTGACCTATTTTTCTTACAAATTACATTATGAACGATCGGC
CTTTTCATAGGCTCATAGTGCAGGTCGAGTCACTGCATCGCGTAGGACCTAACCTGTTGAACAATTATGA
CGTACTGGTCTGGATGAAGTGTGCCACCTGGGCCAGCTGTACAGCCCAACCATGCAGCAGCTGGGG
CGCGTGGACGCTCTGATGCTTAGACTCCTCCGAACGTGCCCTCGAATTATCGCAATGGACGCGACGGCCA
ACGCCCAGCTCGTCGACTTCTCTGTAGTCTGAGGGGAGAAAAACGTCCACGTCGTTATCGGCGAGTA
CGCCATGCCTGGCTTCAGTGTCTCGGCGGTGCTGTTTCTCCGCGACTGGGCTGAAGTACTGCAGGCA
GCACTGAGAAGACGGGGACCCGCTGGCGGCGCTCCCCCCTCAGACGCCCCACCCGACGCTACATTTTTG
GGGAGCTCGAAGTAGGCTGGCCGGCGGTATAATGTTGCATCTTTCTCCACCGTGTCTTTGCCGA
GGTAGTTGCCAGATTCTGTGCCAATTCACCGACAGAGTCTGCTTTTGCATTCTTGACTCCCCCTGGG
GACGTACTACATGGGAAGATACAGAGTTGTTATATACACAACCGTGGTGACCGTGGCCCTCTCATTCC
ACCCCCCTCACTTCGATTCCATGTTTGCTTACGTCAAGCCTATGAACTACGGTCCCTGACATGGTGTCCGT
GTATCAGTCACTGGGAGGGTCCGCACTCTGCGAAAAGGCGAACTGCTGATCTACATGGACGGCTCAGGT
GCTAGGAGCGAGCCTGTGTTTACCCCCATGCTCCTTAACCATGTAGTTTCTGCGTCTGGACAGTGGCCTG
CACAGTTCAGCCAGGTGACTAATCTTCTGTGCCGCGGTTAAGGGCAGATGCGACGCTCACACGCGGA
CGCTGCTCAGGCCAGGGGAAGCCGAATCTACTCCAAATTCGCTACAAGCACTATTTGCAACGCTGACT
CTGGCATGTCTGGCCGATAGCCTGAACATCTTACATGCTTCTCACCTGAATTGCATGCATGTGAGAT
TCTGGGCCATGATGCAGCTCTTACCCCAAGAACTTCTGTCTGTTCTGAGGGGAATACACTTTGATGC
TCTCCGGCGCAGCGGGACCTGCGGGAGCTTAGGTGTCAGGACCCAGACACCAGTCTTCCGCCAGGCA
GCCGAAACCGAGGAAGTGGGACTCTTGTGAGAAATATCTGCGCCCCGACGTCGCCCCAGCTGAAGTAG
TGGCCCTGATGCGAGGGTTGAACTCTCTCGTAGGCCGACTAGGTTCAATTTACCTTGTGCTTCTGGAAGC
TTGCTTAGAGTACCAATGGCCGCCCACTCAAGCGCCATCTTCAAGAGACTTTACGACCATTACGCTACA
GGAGTCATCCCAACAATTAACGCTGCAGGCGAGCTCGAACTGGTCCGCTGCATCCGACATTGAACGTGG
CCCCGTTTGGGAGCTGTTTAGGTTGTGTAGTACTATGGCAGCTTGCTTCAAGTGGATAGCATGGCCGG
TGGCTCCGGCCGACGTTTAGCCAGAAGATGTGCTGGAGTTGCTTAACCCCAATATGATCGGTACATG
CAGCTGGTTTTGAGCTGGGACACTGTAACGCTCACTGACGGGCTCTGCTGAGCGAAGATGCTGTAAAAA
GAGTCGCGCAGCGCTTGTCCGGATGCCACCAAGAGGTTCCGTGAGCGAAACAGAACACGCTCTTCCCT
GTTAAGATTATTTGGGCGAACTCTTCGGAGTCCAGCTCGCCAAATCTACCCAGACCTTCCAGGGGCC
GGAAGGGTAAAGAACCTGACCAAACGAGCTATTGTGAACTTCTCGATGCTCATCGGATCGATCACTCAG
CCTGTGCAACCCACAGGCAACTTATGCACTGCTGATGGCCACAAGAGAGATTTGACGGCGCCAGATT
TAAGTCCGCGCCCCGCTTGGGGCCGCTGCTGCGAACCACGCATCCGGCGCCAGCCCAATACCGAC
ATTATCTGGAAGCAGCCCTGTCCGAATTGCCACTGAGGCTTGGCCATGATGCAGGGGCTGTAATT
TTAGTACTCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100873 representing NP_044478
 Red=Cloning sites Green=Tags

MNVATCTHQTHHAARAPGATSAPGAASGDPLGARRPIGDDECEQYTSSVSLARMLYGGDLAEWVPRVHPK
 TTIERQQHGPVTFPDASAPTARCVTVVRAPMGSGKTTALIRWLGEAIHSPDTSVLVVSCRRSFTQLATR
 FAESGLPDFVTYFSSSTNYIMNDRPFHRLIVQVESLHRVGNLNNYDVLVLDEVMSTLGQLYSPTMQQLG
 RVDALMLRLLRTPRIIAMDATANAQLVDFLCSLRGEKNVHVVI GEYAMPGF SARRCLFLPRLGPEVLQA
 ALRRRGPAGGAPPPDAPPDATFFGELEARLAGGDNVCF SSTSFSFAEVVARFCRQFTDRVLLHSLTPPG
 DVTTWGRYRVVIYTTVVTVGLSFDPPHFDMSFAYVKPMNYGPDMSVYQSLGRVRTLKRGELL IYMDGSG
 ARSEPVF TPMLLNHVVSASGQWPAQFSQVTNLLCRRFKGRCDASHADAAQARSGRIYSKFRYKHYFERCT
 LACLADSLNILHMLLTLNCMHVRFWGHDAALTPRNFCLFLRGIHF DALRAQRDLRELRCQDPDTSLSAQA
 AETEEVGLFVEKYL RPDVAPAEVVALMRGLNSLVGRTRFIYLVLEACL RVPMAAHSSAIFRRLYDHYAT
 GVIPTINAAGELELVALHPTLNVAPVWELFRLCSTMAACLQWDSMAGGSGRTFSPEDVLELLNPHYDRYM
 QLVFELGHCNVTDGPLLSEDAVKRVADALSGCPPRGSVSETEHALSLFKI IWGELFGVQLAKSTQTFPGA
 GRVKNLTKRAIVELLDAHRIDHSACRTHRQLYALLMAHKREFAGARFKLRAPAWGRCLRTHASGAQPNTD
 IILEAALSELPTAEAWPMMQGA VNFSTL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN:	NC_001798
ORF Size:	2601 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:	<ol style="list-style-type: none">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_044478
RefSeq ORF:	2601 bp
Locus ID:	1487349
MW:	95.8 kDa