

Product datasheet for **VC100796**

UL9 (NC_001806) Virus Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | UL9 (NC_001806) 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 VC100796 represents NCBI reference of NP_044610 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCCTTTGTCGGGGTGCAGAGTCCGGCGATCCTCTGGGCGCAGGACGCCCTATCGGCGACGACGAAT
GCGAGCAGTATACATCCAGCGTATCACTTGCTAGAATGCTTTACGGAGGTGATTTGGCTGAGTGGGTACC
CAGAGTGCACCCAAAGACCACTATCGAGCGGCAACAGCACGGCCTGTGACCTTTCCCAACGCATCTGCT
CCAAGTCAAGGTGCGTCACCGTAGTGAGAGCGCCTATGGGTAGTGGCAAGACAACCGCTCTGATTCGGT
GGCTGCGCGAAGCAATCACTCCCCGACACATCTGTCTCGTGGTTTCATGCAGACGGTCTTTACCCA
AACTTTGGCAACCCGCTTTGCCGAGAGCGGACTGGTTGACTTCGTGACCTATTTCTCTCAACTAATTAT
ATTATGAATGATCGCCATTTACAGGCTCATCGTCCAGGTGAGTCACTGCACCGGGTCGGCCCAATC
TCCTCAACAACATGACGCTTTGGTGTGATGAAGTTATGTCCACCCTCGGTCAACTGTACTCACCTAC
GATGCAACAACGGGCGAGGTGGATGCCCTGATGCTTAGGTTGCTTCGCATCTGTCCACGGATCATAGCC
ATGGACGCGACCCGTAATGCCAGCTGGTAGACTTCTCTGTGGTCTGAGGGGGAGAAAAATGTCCATG
TCGTGGTTGGGGAGTACGCAATGCCGGGTTTTAGCTAGGAGGTGCTTGTTCCTCCCGGCTGGGCAC
CGAAGTGTTCAGGCAGCCCTTAGGCCACCAGGCCCTCCTAGCGGTCCATCTCCAGACGCTTCTCCCGAA
GCGAGGGGGGCCACCTTCTTTGGTGAGCTTGAGGCCAGGTTGGGGGGCGGAGATAACATTTGCATCTTCT
CTTCAACTGTTAGTTTGGCTGAGATCGTCGCACGCTTCTGCCGGCAGTTTACCGATAGGGTCTCCTGCT
GCATTCTTTGACGCCCTCGGGAGACGTGACAACCTGGGACAATATCGAGTAGTTATTTACACGACAGTC
GACTGTCCGCTGTCTTCGATCCACTGCATTTTCGATGGAATGTTTGCCTACGTGAAACCTATGAAT
ATGGTCCAGACATGGTCTCAGTGTACCAGTCACTCGGACGGTAAGAAGCTCTGAGGAAAGCGAGCTCTT
GATCTACATGGACGCGAGTGGAGCAAGGAGTGGAGCAGTGTTCACCCCATGCTTCTTAACCACGTCGTG
TCTTCTTGTTGGACAGTGGCCCGCCAAATCTCACAGGTTACCAATCTGTGTGCAGGAGATTCAAGGGAA
GGTGTGACGCCTCCGCATGCGACACGCTCTGCGGACGGGCGAGTAGGATTTACAACAAGTTTAGGTATAA
GCATTATTTGAGAGATGCACCCTGGCCTGCTTGTCCGATAGCCTGAATATCCTGCATATGCTGTTGACC
CTGAAGTGCATACGGGTGAGATTCTGGGACACGATGATACGCTGACTCCAAAAGACTTTTGTCTGTTCC
TCCGCGGGGTACATTTTACGCCCTGCGGGCTCAAAGAGATCTGCGAGAAGTGGATGCCGGATCCAGA
GGCTTCCCTCCAGCCAAAGCAGCAGAGACAGAAGAGGTGGCCCTGTTTGTGAAAAATATCTTCGGTCC
GATGTGGCGCCTGCAGAGATAGTAGCCCTGATGAGAACTGAATAGTCTGATGGGACGAACACGGTTCA
TCTACCTTGCCCTGCTGGAAGCCTGTTTGGGGTACCAATGGCAACCCGGAGCAGTGCCATCTTCGGAG
AATATATGACCACTACGCGACAGGCGTTATCCCAACAATCAACGTGACGGGGGAGCTGGAATTGTGCT
CTCCCAACAACACTGAACGTAACCTGTCTGGGAAGTGTCTGCTGTGCTCTACCATGGCCGCCCGCT
TGCACTGGGATTTCTGCCCGGAGGGTCAGGTAGGACATTCGGGCTGACGACGTAAGTCTGCTGAC
TCCTCACTATGACAGGTACATGCAGCTCGTGTTCGAACTGGGACATTGCAATGTGACTGACGGTCTGCTG
CTGTCCGAAGAAGCTGTGAAGCGAGTGGCTGATGCCCTTCCGGTTGCCCCCGAGAGGGTCCGTTTCTG
AGACTGACCACGCCGTGGCGCTGTTTAAAATCATTGGGGGCAACTGTTTCGGGGTGCAGATGGCCAAGAG
TACACAAACATTTCCAGGTGCGGGCCGAGTCAAGAACCCTTACGAAGCAAACGATTGTCCGATTGCTGGAC
GCTCATCATATTGACCACAGCGTTGCAGGACTCACCGCCAGCTTTATGCTTTGCTGATGGCCATAAAA
GAGAGTTGCGAGGGGCAAGGTTTAAAGTTGCGCGTGCCAGCCTGGGGAAGATGCCTGCGCACACATTTCTC
AAGCGCAATCCGAATGCCGATATTATTCTGGAGGCTGCCCTCTGAACTGCCTACCGAGGCGTGGCC
ATGATGCAAGGAGCTGTGAATTTAGTACCCTC

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC100796 representing NP_044610
Red=Cloning sites Green=Tags

MPFVGGAESGDPLGAGRPIGDDECEQYTSVSLARMLYGGDLAEWVPRVHPKTTIERQQHGPFVTFPNASA
PTARCVTVVRAPMGSGKTTALIRWLREAIHSPDTSVLVSCRRSFTQTLATRFAESGLVDFVTFSSSTNY
IMNDRPFHRLIVQVESLHRVGNLLNNYDVLVLDEVMSTLGQLYSPTMQQLGRVDALMLRLLRICPRIIA
MDATANAQLVDFLCGLRGEKNVHVVEYAMPGFSARRCLFLPRLGTELLQAALRPPGPPSGPSPDASPE
ARGATFFGELEARLGGDNICIFSSVSFAEIVARFCRQFTDRVLLLHSLTPLGDVTTWGQYRVVIYTTV
VTVGLSFDPLHFDGMFAYVKPMNYGPDMSVYQSLGRVRTLRKGELLIYMDGSGARSEPVFTPMLLNHV
SSCGQWPAQFSQVTNLLCRRFKGRCDASACDTSLGRGSRINRYKFRYKHYFERCTLACLSDSLNILHMLLT
LNCIRVRFWGHDDTLTPKDFCLFLRGVHFDALRAQRDLRELRCRDPEASLPAQAAETEEVGLFVEKYLRS
DVAPAEIVALMRNLNSLMGRTRFIYLLALLEACLVPMATRSSAIFRRIYDHYATGVIPTINVTGELELVA
LPPTLNVTPVWELLCLCSTMAARLHWDSAAGGSGRTFGPDDVLDLLTPHYDRYMQLVFELGHCNVDGLL
LSEEAVKRVADALSGCPPRGSVSETDHAVALFKIIWGELFGVQMAKSTQTFPGAGRVKNLTKQTIIVGLLD
AHHIDHSACRTHRQLYALLMAHKREFAGARFKLRVPAWGRCLRTHSSSANPNADIILEAALSELPTAEP
MMQGAVNFSTL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NC_001806

ORF Size: 2553 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_001806.1](#), [NP_044610](#)

RefSeq ORF: 2553 bp

Locus ID: 2703434

UniProt ID: [P04413](#)

MW: 94.3 kDa