

Product datasheet for **VC101225**

UL35 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL35 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL35
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 VC101225 represents NCBI reference of YP_081494 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCAGGGCTCACGAGCTCCCTCAGCCCCCTCTGCCCGTGTGCCAGTGGACGATTGGCTCAATT
TTAGAGTGGATCTGTTCCGGTGTAGCATCGCAGGCTCCTCCTGGAGATGTTGACCCAGGGATGTTCTAA
CTTCGTAGGACTGCTCAACTTTGGCGTGCCTTCCCCAGTCTACGCCCTCGAAGCATTGGTGGATTTTCAA
GTGCGGAATGCCTTCATGAAGGTAAGCCAGTGGCCAGGAGATCATTAGGATATGCATTCTGGCGAACC
ACTATCGAACTCCAGAGACGTTCTTAGGGATTGCGGACCCAGCTCGACGTCCTCTATAGCGAACCACT
GAAGACTCGACTGCTCCGGGTCTCATTGGCTTTGCAGAGCCGCTCAGACTGGTGTGAAGCCTGAAGAC
ATTTCACTGCACCTGGTGCCGACGATGTTACTTTTGGCGTTTTGAAGCGCGCCCTGGTCCGACTTCACC
GGTTAGAGATGCGCTGGGCTCCGGGCTCCCCGAAGCGAGGCCGCTACCCACGGCTGACAACCTTA
TAATCTCCTGTTCCACCCACCGCCTTTACCACGTGGAAGCAGTGGATTGTGTGCAGAGAACCTCTCT
GACGTGACTCAACGGCGCAACAGACCGCTTAGATGTCTGACCAGCATTAAACGGCCAGGGTCCCGCACTC
TGGAAGATGCACTGAATGATATGTATCTTCTTCTGACTCTGAGGCACCTTCAGTTGCGGCACGCCTTGA
GTTGCAGATGATGAGGATTGGGTGGTGGAGAGGTGTAATCGACTGTGTGATGCTCTGTACTTTTGTAC
ACCCAGGCACCCGAGACACGCCAGACATTTGTTACTTGTGCGCGGGCTCGAGCTGGCTCGACAGCACT
CTTCACCTGCCTTTCAACCTATGCTGTACAATCTCCTCCAGCTCCTTACCCAGCTGCACGAGGCCAACGT
GTACCTTTGTCCCGATACCTGCCTTCTCCGCTATAAGCTGCTGAAGAAGATACAGACGCTCTCCGAT
GCGAGGAAAGAGGGGAATTCGGGGATGAGGATGAGGAACAGGAGAATGACGGCGAACCCGGGAGGCC
AGCTGGACCTGGAAGCTGATCCTACCGCTAGAGAGGGAGAATTGTTTTCTTTAGTAAGAATCTGTACGG
GAACGGCGAGGTGTTTAGAGTGCCGAACAACCTCTCGCTACTTGAGAAGGAGGATGTTGTTGAGAGA
CCTGAAACCTCCAGATCTTCTACAATTTCCACGAGGGCAAAATTACAACCGAGACATACCCTGACAGC
GGATCTACTCAATGATGATAGAAGGCGCTTCCAGGCAGACCGGGCTTACCCCAAGCGCTTTATGGAGCT
TCTGGATAGAGCCCTTTGGGCAAGAATCCGAACCTGAAATAACCGAACACCGGATCTGTTTGGCGAT
GTCTTCCGAAGACCCGCTACTGATGCAGCCTCCTCAAGTAGCGCATCATCCTCCAGTTCATCAGCTTCTC
CCAACAGCGTGTCTCTCCCGAGTCAAGGTCAAGCTCAACAAGGACGACAACCCGGGCGAGCACCTACAC
TTCTGCTGGCACCTCCTCCACAACCGGTCTGCTTCTTCTCCTCAAGCCTGTCCGGTAGTCACGGGATA
TCATCCGCTGATCTGGAGCAACCTCCTAGACAGAGGAGACGGATGGTCAGCGTCACCCTGTTTTCCCT
ATTCTGTGCGATACAGTCATCACAGGAGGCACCGCAGACGACGGAGCCCTCCACCTGCCCCAGAGGGCC
TGACACACGAGGTTTCAAGGCCCGATTCAATGCCAGCACTTCTTATGGTAGCGATGTTGAAGATCCC
CGGACGACCTGGCTGAAAACCTGAGACACCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101225 representing YP_081494
 Red=Cloning sites Green=Tags

MAQGSRAPSGPPLPVLVDDWLNFRVDLFGDEHRRLLLEMLTQGCNSFVGLLNFGVPSPVYALEALVDFQ
 VRNAFMKVKPVAQEIIIRICILANHYRNSRDVLRDLRTQLDVLVYSEPLKTRLLRGLIRLCRAAQTGVKPED
 ISVHLGADDVTFVGLKRALVRLHRVRDALGLRASPEAEARYPRLTTYNLLFHPPPTTVEAVDLCAENLS
 DVTQRRNRPLRCLTSIKRPGSRTLLEDALNDMYLLLLTLRHLQLRHAELEQMMQDWVVERCNRLCDALYFCY
 TQAPETRQTFVTLVRGLELARQHSSPAFQPMYLLQLLTLQHEANVYLCPGYLHF SAYKLLKKIQSVSD
 ARERGEFGDEDEEQENDGEPREAQLDLEADPTAREGELFFFKNLYNGEVFRVPEQPSRYLRRRMFVER
 PETLQIFYNFHEGKITTETIYHLQRIYSMMIEGASRQTGLTPKRFMELLDRAPLGQESEPEITEHRDLFAD
 VFRRPVTDAASSSSASSSSSSASPNSVSLPSARSSSTRTTTPASTYTSAGTSSTTGLLLSSSSLSGSHGI
 SSADLEQPPRQRRRMVSVTLFSPYSVAYSHRRRHRRRRSPPPAPRGAHTRFQGPDSMPSTSYGSDVEDP
 RDDLAENLRHL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_006273

ORF Size: 1923 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_081494](#)

RefSeq ORF: 1923 bp

Locus ID: 3077429

MW: 72.6 kDa