

Product datasheet for **VC100812**

UL25 (NC_001806) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL25 (NC_001806) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL25
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC100812 represents NCBI reference of NP_044626 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGGATCCGTATTGTCCTTTTGGATGTCATTGGATGTATGGGAGCACAGCGGTTTCATAGTGGCTGACAGCC
GCAATTTTCATCACACCAGAGTTTCCAGGGACTTTTGGATGAGCCCCGTATTTAATCTGCCTCGAGAAAC
CGCTGCCGAGCAGGTGGTTGTCCTGCAGGCCCAAAGGACCGCCGCGCAGCCGCCCTGGAGAACGCTGCC
ATGCAGGCCCGAGAAGTCCCTGTGGACATTGAGAGAAGACTCAGGCCATAGAGCGGAATGTTTCATGAAA
TTGCCGGGGCTCTGGAGGCTCTCGAAACAGCTGCTGCTGCTGCAGAAGAAGCTGATGCAGCGCGCGGAGA
TGAGCCAGCTGGCGGAGGGGATGGGGTCTCCCCTGGTCTGGCAGTCGCAGAGATGGAGGTCAAATC
GTGAGAAAACGACCCTCCCCTCAGGTATGACACAAACCTGCCCGTCGACCTCCTGCACATGGTATACGCAG
GACGAGGCGGACTGGGTATCCGGCGTGTGTTTCGGAACATGGTATCGGACTATTCAGGACCGGACTAT
CACCGACTTTCTCTGACGACAAGTCCGCTGACTTCCGCGATGGGAGGATGTCTAAAACATTCATGACC
GCACTGGTCTTGAGCCTGCAGGCCCTGCGGGAGACTGTACGTGGGACAGCGCCACTACAGTGCCTTTGAAT
GCGCTGTTCTTTGCCCTATCTGCTGTACCGAAACACCCATGGGGCCCGCAGCAGACGGATAGAGCCCC
TGTACCTTCGGCGATCTCCTTGGGAGACTGCCAAGTACTTGGCCTGCCTCGCAGCGGTTATTGGGACA
GAGGGGGCCGACCGCAGTACAGGTACCGGGATGACAACTGCCAAGACCCAGTTTCCGCGCGCGGAG
GTAGATATGAACACGGCGCACTGGCATCTCATATCGTTATAGCAACCTTATGCACCACGGCGTTCTGCC
AGCAGCACCGGCGACGTCCCAAGGGACGCTTACACACGTGAATCCCGATGGAGTGGCCATCACGAT
GATATTAATCGGGCCGACGACGCTTCTCTCCAGGGGGCACAATCTTTTCTTGTGGGAGGATCAGACAT
TGCTGCGGGCCACGGCTAATACTATCACTGCCCTGGGAGTAATCCAGCGACTCCTCGCTAATGGTAACGT
ATACGCTGATAGACTGAACAATAGGCTGCAGTTGGGTATGTTGATCCCAGGAGCTGTGCCATCAGAGGCT
ATCGCGCGGGGGCGTCAAGGTCAGATTCGGCGCCATCAAGTCAGGAGACAATAATCTGGAAGCTCTGT
GTGCGAATACGTGCTGCCCTTACCAGCTGATCCTGCCGTGGAGCTGACCCAGCTTTTTCTGGTCT
CGCTGCATTGTGCTCGACGCGCAGGCTGGCAGACCCGTGGGTCTACTCGGCGAGTTGTGGACATGTCA
TCTGGGCAAGGCAGGCCGCCCTGGTGAAGTACCCGATTGGAGCTGATCAACCGCACTGCACAAACC
CAACCCAGTGGGAGAGGTGATCCAGCCACGACGCCCTTGTATCCAGTACGAGCAGGCTCTCGGGCT
GCTGGCCAGCAGGCCCGCATTGGACTGGGAGCAATACCAAGCGCTTTTCTGCCTCAACGTAAGCAGT
GATTACGACATGCTCTACTTTTTGTGTCTGGGATTCATCCCTCAATATCTTTCTGCTGTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100812 representing NP_044626

Red=Cloning sites Green=Tags

MDPYCPFDALDVWEHRRFIVADSRNFITPEFPRDFWMSPVFNLPRETAAEQVVVLQAQRTAAAAALENAA
MQAAELPVDIERLRPIERNVHEIAGALEALETAAAAEEADAARGDEPAGGGDGGAPPGLAVAEMEVI
VRNDPPLRYDTNLPVDLLHMVYAGRGATGSSGVVFGTWYRTIQDRTITDFPLTTRSADFRDGRMSKTFMT
ALVLSLQACGRLYVQQRHYSAFECAVLCLYLLYRNTHGAADSDRAPVTFGDLLGRLPRYLACLAAVIGT
EGGRPQYRYRDDKLPKTQFAAGGGRYEHGALASHIVIATLMHHGVLPAAPGDVPRDASTHVNPDGVAHHD
DINRAAAFLSRGHNLFLWEDQTLRATANTITALGVIQRLLANGNVYADRLNNRLQLGMLIPGAVPSEA
IARGASGSDSGAIKSGDNNLEALCANYVLPYRADPAVELQLFPGLAALCLDAQAGRPVGSTRRVVDMS
SGARQAALVRLTALELINRTRTNPTPVGEVIHAHDALAIQYEQGLLQAQARIIGLSNTRKRFSAFNVSS
DYDMLYFLCLGFIPQYLSAV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NC_001806

ORF Size: 1740 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_044626](#)

RefSeq ORF: 1740 bp

Locus ID: 2703377

UniProt ID: [P04413](#)

MW: 62.7 kDa