

## Product datasheet for **VC100814**

### UL26.5 (NC\_001806) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UL26.5 (NC_001806) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL26.5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100814 represents NCBI reference of NP_044628 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGAACCCTGTGCCACAAGCGGAACACCTGCTCCAGCCCCGCCAGGAGATGGGTCTACCTGTGGATCC  
CAGCGAGCCATTACAACCAACTCGTCGCCGGTCACGCAGCCCCCAGCCCCAGCCTCACTCCGCTTTCGG  
GTTCCAGCAGCTGCAGTTTCAGTTGCTTATGGTCCTCATGGAGCCGACTGTCTCAGCATTACCCCTCCG  
CACGTCGCACACCAGTACCCCGGGTTCTGTTCCAGCGGCCATCCCCACTCGAAGCACAGATCCCGCAC  
TTGTCGGTGCCATCGCAGCTGACAGACAGGCTGGGGGCCAACCAGCAGCTGGCGATCCGGGCGTACGCGG  
CAGCGGCAAGAGGAGGAGGTATGAGGCCGACCCAGCGAGTCTTATTGCGATCAAGATGAGCCTGACGCC  
GACTATCCCTACTATCCTGGTGAGGCTAGGGGCGCCCCAAGAGGAGTGGATAGCAGGCGAGCCGCACGAC  
ATTCCCCCGGAACAAATGAAACTATCACAGCTCTGATGGGTGCAGTGACTTCCCTCCAGCAGGAGTTGGC  
TCATATGCGAGCACGGACTTCTGCCCGTATGGCATGTACTCCCGTGGCACACTACAGACCCAGGTG  
GGCGAGCCCGAGCCCACTACCACGCACCCAGCACTTTGTCCTCCAGAAGCCGTTTATAGACCACCTCCTC  
ACTCTGCTCCTTACGGCCCTCCACAAGGACCAGCGTCTCACGCGCCACCCACCATATGCACCCGCTGC  
TTGCCACCCGGACCCCTCCACCTCCATGTCCAAGCACTCAGACTAGGGCTCCCTGCCAACAGAGCCT  
GCATTCCTCCCGCAGCTACTGGCTCACAGCCTGAGGCTTCAAATGCTGAAGCTGGGGCTCTCGTAAACG  
CCTCTTCTGCCGCTCATGTGCGATGTGGACACCGCCCGGGCTGCCGACTTGTTCGTGTCTCAGATGATGG  
AGCCCGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC100814 representing NP\_044628  
Red=Cloning sites Green=Tags

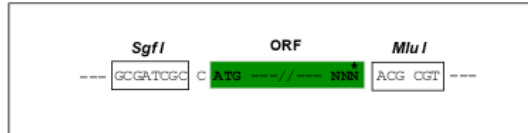
MNPVPTS~~SGTP~~PAPAPPDGSYLWIPASHYNQLVAGHAAPQPQPHSAFGFPAAAGSVAYGPHGAGLSQHYPP  
 HVAHQYPGVLFSGPSPLEAQIAALVGAIAADRQAGGQPAAGDPGVRGSGKRRRREAGPSESYCDQDEPDA  
 DYPYYPGEARGAPRGVDSRRAARHSPGTNETITALMGAVTSLQQELAHMRARTSAPYGMYPVAHYRPQV  
 GEPEPTTTHPALCPPEAVYRPPPHSAPYGPQGPASHAPTPPYAPAACPPGPPPPPCSTQTRAPLPTEP  
 AFPPAATGSQPEASNAEAGALVNASSAAHVDVDTARAADLFVVSQMMGAR

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



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

**ACCN:** NC\_001806

**ORF Size:** 987 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\\_044628](#)  
RefSeq ORF: 987 bp  
Locus ID: 2703454  
UniProt ID: [P04413](#)  
MW: 33.8 kDa