

Product datasheet for **VC100887**

UL23 (NC_001798) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL23 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL23
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100887 represents NCBI reference of NP_044492 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTAGCCACGCTGGTCAGCAGCACGCCCTGCCTTTGGCCAAGCCGCCAGGGCCTCAGGCCCTACCG
ATGGCCGGGCCGCTCAAGACCATCCCATCGACAAGGGGCTTCCGGTGCTAGGGGTGACCCAGAGTTGCC
CACCTTGTTCGGGTCTACATCGACGGCCCCACGGCGTGGGTAACCACTACATCAGCACAGCTCATG
GAGGCACTGGTCCAAGGATAATATTGTCTATGTTCTGAACCTATGACATACTGGCAGGTGCTCGGGG
CCTCAGAGACTTTGACTAATATTTACAATACTCAACATCGGCTGGACCGGGAGAGATTAGCGCCGGGA
GGCTGCCGTGGTTATGACATCAGCCAAATTAATGAGCACACCTTATGCCGCTACGGATGCCGACTC
GCTCCCCACATTGGCGGGGAGGCAGTGGGACCCAGGCTCCTCCCCAGCTTTGACTTTGGTTTTCGATC
GCCATCCGATCGCGTCCCTGCTTGGCTATCCCGCCGCGGCTACTTATGGGATCCATGACGCCTCAGGC
CGTTTTGGCCTTCGTTGCTCTCATGCCTCCGACCGCCAGGCACCAACCTGGTGTGGGTGCTTCTCT
GAGGCGGAACATGCAGACCGCTGGCTCGAAGACAGCGCGGGCGAGAGGCTGGATCTCGCAATGCTCT
CTGCCATTAGACGGTCTACGACTTGTCTGCCAACACAGTTAGATATCTCCAGAGAGCGGAAGATGGAG
GGAAGACTGGGGGAGATTGACAGGTGTTGCCGCCGACCCACGCCAGATCCTGAAGACGGAGCCGGG
TCCTGCCACGAATAGAGGATACTCTGTTCCGACTTTTCCGCGTCCCTGAGCTGCTGGCCCCAAACGGCG
ACCTTTATCACATTTTCGCTGGGTCTTGACGTTCTGGCCGACCGGTTGCTGCCATGCATCTCTTCGT
GCTTGATTACGACCAGTCCCCTGTCCGGCTGCCGACGCCCTGCTTCGGTTGACTGCTGGCATGATACCA
ACCCGAGTAACGACTGCAGGAAGTATCGCAGAGATCCGCGACCTTGCCAGGACCTTCGCGCGGAGGTTG
GTGGCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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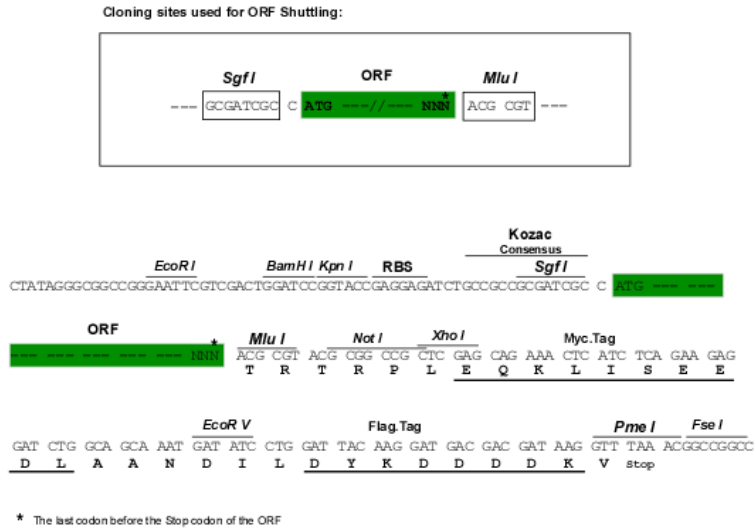
Protein Sequence: >VC100887 representing NP_044492
Red=Cloning sites Green=Tags

MASHAGQQHAPAFGQAARASGPTDGRAASRPSHRQASGARGDPELPTLLRVYIDGPHGVGKTTTSAQLM
 EALGPRDNIYVPEPMTYQVLGASETLTNIYNTQHRLDRGEISAGEAAVVM TSAQITMSTPYAATDAVL
 APHIGGEAVGPQAPPALTLVFDRHPIASLLCYPAARYLMGSMTPQAVLAFVALMPPTAPGTNLVGLVLP
 EAEHADRLARRQRPGERLDLMLSAIRRVYDLLANTVRYLQRGGRWREDWGRLTGVAATPRPDPEDGAG
 SLPRIEDTLFALFRVPELLAPNGDLYHIFAWVLDVLDRLLLPMHLFVLDYDQSPVGC RDALLRLTAGMIP
 TRVTTAGSIAEIRDLARTFAREVGKV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001798

ORF Size: 1128 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_001798.1](#), [NP_044492](#)

RefSeq ORF: 1128 bp

Locus ID: 1487307

MW: 40.4 kDa