

Product datasheet for **VC100922**

UL56 (NC_001798) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL56 (NC_001798) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL56
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100922 represents NCBI reference of NP_044527 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTCTGGGCGCCGGTCATGCCACGCCTGTAGAGACGATGGAGACGATTCTGTTCATCGACGCCCCAC
CACCATATGAAAGTGTGCGCGGGGCATCAGCTGGTCAATTCGTGGTGATCGATATCGACACCCCCACGGA
TAGTCCCCACCGTATTCTGCGGGGACTAGCCCTGTTGGATTGGTGTCTCCCGCCTCTAGTGGCGACGGT
GAAGTTTGTGAGAGAGGCGGATCCAGGAGAGCTGCCTGGAGGGCAGCCAGGCGGGCTAGGAGAAGAGCAG
AGAGGCGAGCAAGACGGAGATCTTTCGGCCCTGGTGGACTGTTTGTGAGACTCCACTGTTTCTGCCCGA
GACCATGATAGGGGCTCACCCCGGTGTTGGAGGAGACCTCCATCCGGACTCCCTACATATGCTGAGGCC
ACCTCTGACAGGCCTCTACCTACGCCATGGTCATGGCCGCTGTCCCACAGAACCCCTGGCGGCAGTG
TGGGGCCTGCTGATCAACCTAGAGTCCAAAGTTCTCGCACTTGGCGCCCCCCTTGTGAATTCTCGAGA
GCTCTACAGAGCCCAACGAGCCGCCGCTGCGCCTCTAGCTCAGATACACCACAGGCTCCAGGGTGGTGT
GGCGGAACCTGTCGGCACGCCGATTTCGGCGTAGTTGCTGCTGCTGGTGGTATCATTCTCGCCTTCTGTG
GGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC100922 representing NP_044527
Red=Cloning sites Green=Tags

MALGAGHAHACRDDGDDSVIDAPPPYESVAGASAGQFVVIDIDTPTDPPPPYSAGTSPVGLVSPASSGDG
 EVCERGRSRRAAWRAARRARRRAERRARRRSFGPGLFVETPLFLPETMIGAHPGVGGDLPSGLPTYAEA
 TSDRPPTYAMVMAACPTEPPGGSVGPADQPRVQSSRTWRPPLVNSREL YRAQRAARCASSDTPQAPGWC
 GGTCRHAVFGVVAVVVVILAFLLWR

TRRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001798

ORF Size: 705 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_044527](#)
RefSeq ORF: 705 bp
Locus ID: 1487345
MW: 24.7 kDa