

Product datasheet for **VC101312**

UL135 (NC_006273) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UL135 (NC_006273) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UL135
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101312 represents NCBI reference of YP_081580 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCTGGCTCTGGCTCGGGTGGGCCTCCTGGGCGGCACCGGCCTGGCCAGCCTGGTCTGGCTATCA
GCCTGTTACCCAGCGGGCGGGGCAGAAAAGAAGCGATGAGACTTCCTCCCGGGGCGGCTGCCCGGCGC
CGCCTCCGACAAGCGGGCGCCTGCGCCTGCTGCTACCGGATCCCTAAGGAGGACGTCTGGAGCCCTG
GACCTGGAAGTGGGCTGATGCGGGTGCACACCCACCTCCACACCCAGGTGCCACGGTGCACACAGCC
TGTACATCGGCGAGGACGGCCTGCCATCGACAAACCCGAGTTCCCCCGCCGGTTCGAGATCCCGA
CGTGTCACCCAGCACTCCCACCTCCATTGGGCGGTCCCCCTCCATTGCTCCAGCAGCAGCTCCCTG
AGCTCCTCCGCCAGCGTGGACACAGTGCTGCACCAACCCCCCTAGCTGGAAGCCCCCCCCCCCCCG
GCCGAAAAAGAGACCTCCACCCACCAAGTGGGGTCCCACCCCGGCTGAGCAGCCACCGGCCACC
AACCCCATCCCCGCCCCGGAAAAACCTCAGCACCCACCCACCAAGAAGACACCCCCCCCCACCAAG
CCAAAGCCAGTGGGCTGGACCCACCCGTGACCCCGGCCCTCCCCAAAACCCACCCCCCCAGAAGC
CCCCTCGAAACCCCGGCTCCCCGGACCGTGGGGTGGAGAACCTGTCCAAAGTGGGGCTCAGTGCCC
CTGTCCCCGGCCAGAACCCACCGAACCTACCACCCTGCCATCGTGAGCGTCTCCGAAGTGGCCCC
CCCCCGGTGGAGCGACATCGAAGAAGTCTGGAGAAGGCCGTGCAGAGCGTGATGAAGGACGCAGAAA
GCATGCAGATGACT

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >VC101312 representing YP_081580
Red=Cloning sites Green=Tags

MVWLWLGVLLGGTGLASLVLAISLFTQRRGRKRSDETSRRGRLPGAASDKRGACACCYRIPKEDVVEPL
 DLELGLMRVATHPPTPQVPRCTSLYIGEDGLPIDKPEFPPARFEIPDVSTPGTPTSIGRSPSHCSSSSSL
 SSSASVDTVLHQPPPSWKPPPPGRKKRPPTPPVRAPTRLSSHRPPTPIPAPRKNLSTPPTKKTTPPTK
 PKPVGWTPPVTPRPFKTPTPQKPPRNPRLPRTVGLLENLSKVGLSCPCRPRTPTPTLPIVSVSELAP
 PPRWSDIEELLEKAVQSVMKDAESMQMT

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_006273

ORF Size: 924 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_081580](#)
RefSeq ORF: 924 bp
Locus ID: 3077458
MW: 33.3 kDa