

Product datasheet for **VC101468**

U27 (NC_000898) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U27 (NC_000898) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101468 represents NCBI reference of NP_050208 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGGGGTCTCGCGATCATCATCGCGACCATCGAGATCATAGAGAGCACCGAGAGCTCAGGGAAC
CTCCTACTCTTGCTTTCCACATGAAGTCTGGAAGACCATCAACAACCCCTGAAGGCATTACCAAGCT
GTTGAAAGAGAATACAACAGTTACTTTCACTCCTCAGCCTAGCATAATAATACAGTCCGCCAAGAACCAT
CTGGTGCAGAACTCACAATCCAGGCTGAATGTTTGTCTGTCTGATACAGAGCACTTCTCACAAAA
CCATTAATAACCATATTCCACTGTTTCGAGTCTTTCATGAACATCATATCAAATCCCGAGGTGACCAA
GTACATTCAGCACGACAGTGACCTTTACTCGAGTGCTGGTAACCGCATCCGACACTTGTACTCAAGCA
TCCGTGCCCTGCGTGCACGGACAAGAGGTGTTTCGGGACAGCGGAAAGAGCCCTTTAGAAATCGACCTGG
ATCATTCCACCGTATCTGAGTTCTGAAATGGCTCTCTCCGGTCACAAAGACCAAACGATCCGGAAGAG
CGACGCCCTCATGGCTCATATTATCGTACAGGTCAATCCACCCACCATCAAGTTTGTGACGGAAATGAAC
GAGCTCGAATTCTCAACTCTAACAAGTTATCTTCTATGATGTTAATAATAGAGATTTAACCTGAGTG
CAAAGAATCTTCAGCAGGCCCTGTCAATGTGTGCTGTTATCAAGACATCTGTAGTCTCCGCACAGTGGC
TGCCAAGGACTGCAAGCTGATCCTGACGTCAAAGTCAACTCTGCTCACTGTGGAGCGTTTCTTACCCAG
GAGCAGCTCAAGGAAGAGAGCAGTTTCGAGCGCATGGGCAAGCAAGACGACGGGAAAGGGGACCCGAATC
ACAAAAACGAAGATGGCTCAGCTTTGGCTTCTAAACAGGAGACCCAATATAAAATTACAAACTATATGGT
GCCACGAAAAATGGTACCGCTGGGAGCTCACTGTTTAAACGAAAAAGAGGATAGCGAAAGTGACGACAGT
ATGCATTCGAGTATTCTTCCAACCCCAACCGCAGCGCTGCGTGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

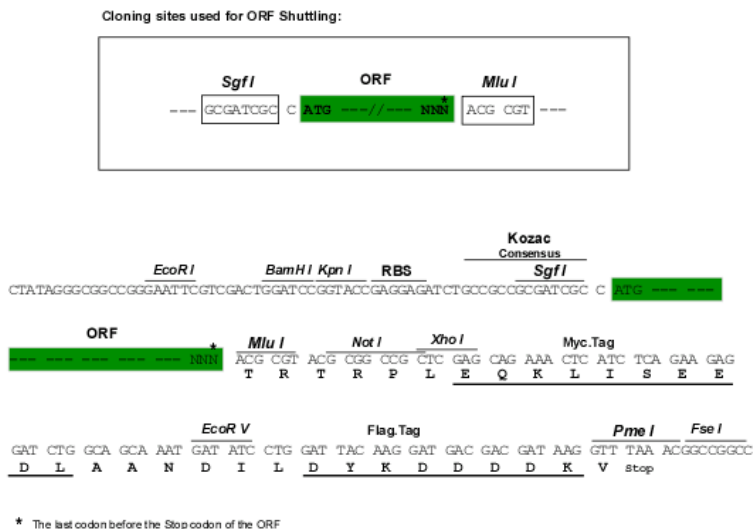
Protein Sequence: >VC101468 representing NP_050208
Red=Cloning sites Green=Tags

MERGRSDHHRDHRDHRHREHRELREPPTLAFHMKSWKTINKPLKAFKLLKENTTVTFTPQPSIIISAKNH
 LVQKLT IQAECLFLSDTEHFLTKTINNHIPLFESFMNIIISNPEVTKLYIQHSDLYTRVLVTASDTCTQA
 SVPCVHGQEVVRDSGKSPLRIDLHDHSTVSEVLKWLSPVTKTKRSGKSDAFMAHIIIVQVNPPTIKFVTEMN
 ELEFSNSNKVIFYDVNNMRFNLSAKNLQQALSMCAVIKTSCLRTVAADCKLILTSKSTLLTVEAFLTQ
 EQLKEESRFERMKGQDDGKGRNHKNEDGSALASKQETQYKITYMVPKNGTAGSSLFNEKEDSESDDS
 MHFEYSSNPKRQRCVV

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_000898

ORF Size: 1098 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_000898.1](#), [NP_050208](#)

RefSeq ORF: 1098 bp

Locus ID: 1497029

MW: 41.7 kDa