

## Product datasheet for **VC101368**

### U21 (NC\_001664) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	U21 (NC_001664) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101368 represents NCBI reference of NP\_042914 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGATATGTCTGGTGTTCCTTTGCGTCCTGACCCTGGCAAGGGGCGAGATCTACCCCCCATTTGCC  
 CTGCCCCCGCGTAGGCAACGATGAGGCCGTCCGGCCGGAGAGCTCTTGCTGAAATTTCCGCATATAG  
 GAATCAGAGGTCTGGCAGAGTGGAACTCTGGGGAGTGCCGCCGTTAATAACCAGGTCTTCTATGGCGGA  
 ATGAGAAATAGCCAGATCGATTACGATTTCCGTAATTCCTTGTCTCCGATGCTCCAAGTGTCAATA  
 ACGTCCATAAACTCTTGTCAACACGGTTTCCTCAGCTACAATGCACCTGGCTAGGAAGCGAGTGCAGAA  
 GTGCGGGCACGGAAAAATGACATTTATAAGCATCCAGTCCAGTGTGAGAGTCGCCTTCTTCTGGATAGGAACA  
 TTGAGCCGGATGAGTGAGGCGTCACTCAAGAAGCAGGTGTTGAGAGTCGCCTTCTTCTGGATAGGAACA  
 ATAACAGCTGGATCGCCGACAAAAATTTCCAGGGCAAGACCGGACAATGCTGAGGCTCTGGAATGAGCT  
 GTCTACTTATCAACAGTATCTCATTCTTCTCTGTAATAATGACGTGAAAAATCTGTCCGAGTTGTACGGC  
 GAGTTTAGACAGATAGCCCTGCCCTACGATGAGAACTGAATCTCAATTTATGCCAGTTATAAGATCAA  
 GCTCTGAAAGGCTTTTCCGAGCCGACGACCTCAAGTGCTCTTCTCCCGATGGTTGGGTGCCGAGGGCGA  
 ATTCGCTGTGTGAATACAGTGCTGGGGTGTCTCCAGACTGGGCAAAATAGAGATATTTGCCGAGAAG  
 CCCCTGACTTTCGATATGGCCTGGAAAACCGTCAAGATGCGATCAAGCGGTGCGTACACCTCCTTGTTTA  
 GGGACGACGTACGTGGGCGTATCCCACTGGACAAATGGGTCGGAGATAAGTACTTTTGTATGTGCAC  
 AAATAAAGAAAGTGGCGATAACGTCATCGTGACACTGCCTGAGAAAAATGTAGAAAAATCAATTCAGATA  
 TATGATGAAGGGAGCGCAATGTTGAGCTTTCGGGAAATGACCAGCATATTCTTAATTTGATGTTTCATGG  
 GAGCTGTTGCCGTCTCAGTAGGGATTCTGGGAATCTCCTGCTTTGTGGGGCTGAAAGAAATATCTACTT  
 CATCTTTGTAAGCGTTGATTACATGTGGCCGTTTTGCGATACCCTTCTTACCCTGCCGTTAACTGTTTC  
 TTTAAAGGACGAACCTTTCTTAGAAGGGAATTGAAAATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101368 representing NP\_042914  
 Red=Cloning sites Green=Tags

MMICLVFLCVLTLARGEIYPPICPAPGVGNDEAVRAGELLLLEISAYRNQRSGRVELWGSAAVNNQVYGG  
 MENSQIDYDFGKFLVFRCFQVFNNVHKLLFNTVSSATMHLARKRVQKCGHGKMTFISIQVQCSVNKKSIR  
 LSRMSEASLKKQVLRVAFFLDRNNSWIADKNFQGEDRMLRLWNELESTYQOYLISCNNDVKILSELYG  
 EFRQIALPYDEKLNLFMPVIRSSSERLFRADDLKCSFSRWLGAEGEFVCEYSGWVSRGKIEIFAEK  
 PLTFDMAWKTVMRSSGAYTSLFRDDVTWGLIPLDKWVGDKYFCMCTNKESGDNVIVTLPEKNVEKSIQI  
 YDEGSAMLFAEMTSIILNLMFMGAVAVSVGILGISCFVGLKEIIFYIFVSDYMWPFCDTLLTTAVNCF  
 FKGRFTLRRELKI

**TRTRRLEQKLISEEDLAANDILDYKDDDDKV**

**Restriction Sites:**

Sgfl-Mlul

