

## Product datasheet for **VC101597**

### **U55B (NC\_001716) Virus Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	U55B (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U55B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>The Viral ORF clone VC101597 represents NCBI reference of YP\_073797 with codon optimized for human cell expression  
 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGTCTGGCCACCTCCGACATCCTGAAATACGTTAGATCGAAATTCCTACAAGGAAGATTCCAGG  
 GCAAAGATAACGTTACCCTTCTGTTTATGAGTATGTGCAATCTAAAACAGAACCGGTTCTGCTGTTGTC  
 AGCCGAGATTAACAGCCGCAACTCCGACTCTTTTTTCAGTGCAGACCTTATGGAGGAACAACAGCTG  
 AAGCTGCACCTCAAAAACCTGAACAGGCACATATCCTTCAAAAAGTGTGTTTTTCGGTTTTCCCTGTC  
 TAAAAATTAAGTCTTCCATAGTGATCATTCTAACCATGACGTCGAAGAACAGGAGCAGATGGGCGTTTT  
 CCCTTCCCTGATTCGGTCAAGAACGAAAAGTTATAGTCACACAGACGCCGCATAAGGTGAACGAAATT  
 ACCGTAACAATGTTCAACATTGAATGGAAGCTCTCTACATATCAACGGTCCATTGAACGCACCCCGGCC  
 ATCCCCTGACCACTCTGTGCACGGTGTGCTCCGTTAATATTAATAATCTCCCTTTCTGGTCCATGATGT  
 GCGCAGCGGGTCTGACTTCCCAACATGCAAAGTGTCTCCATCAGCGACCCACAGTGTCCGTCCTCAAG  
 ATGATTTTCAGCCACCTCTTCTGGAGATTTATCTGAGATGTTATACTGAAGTTACAAAGAACAACTT  
 ATATGGTTCCTAATGACTGTATGCTGAAGCTGGGATTTGTGAACGAAATCATCCCAACGAGATCAGCCT  
 GACAGTACACATGCACTACTTCAAGATTTGCTCCGATAAGAGGAAAAATCGATGTGTTCTTCCAAGACACC  
 ATGCTGTTTCGATGAAGGTGAGACAAAGAAGCTCCATTTCAAAGGTACCTTTTATAACTTTAACGCCAATG  
 CCCTCTATGTGCTGACCCCAATTCTAAGGTCCAATCCATCGCCTCATTTTGGAGCCCACTAGCTT  
 CACGACCAAGGTGACAGCGATCGAAGCCAAAGAGTTACAACAAATGATATCATCGGCTCAATTTATTTT  
 ATACCCACCATATTCTGAGAACCAAGTTTGTATCCAAATTATACCGATTCTTTTGGCGCGGAGATTGAGC  
 TCAATAGCGAGGACCCAGAATCCGATGCTCTGTACTTCTCGCCGATAAAATCTTCATTAGTGACCTGCC  
 AGATCTGATCCTGCGCAAGGGTGGTCCGCCCGAAAAAAAAGCTGCAGTCAGGATCAAACATTAATAAT  
 CATGCCCGTCTAAGTCTCGGCTGCGCTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>VC101597 representing YP\_073797  
 Red=Cloning sites Green=Tags

MSLATS DILKYVQIEIPYKEEFQKDNVTL LFDEYVQSKTEPVLLL SAEINSRNSDSFFSARPLMEEQQL  
 KLHLK NLRHIYPSKVLFFGFLLKINSSIVIIIPNHDVKEQEQMGVFPSLIRFKNEKIVITQTPHKVNEI  
 TVTMFNIEWKLSTYQRSIERTPGHPLTTLCTVCSVNINNL PFWFHDVRS GDFPTCKVFSISDPTVSVLK  
 MIFSPPLLEIYLRCYTEVTKNNTYMVPNDCMLKLG FVNEIIPNEISLTVHMHYFKICSDKRKIDVFFQDT  
 MLFDEGETKKLHFKGTFYFNANALYVDPNSKVQSIASFWSPTTSFTTKVTSDRSQRVTTNDIIGSIYF  
 IPTHILRTKFDPNYTD SFAAEIELNSEDPESDALYFLADKIFISDLPDLILRKGWSARKKKLQSGSNINN  
 HAPSKSRLRF

**TR**TRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NC\_001716

**ORF Size:** 1290 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\\_001716.2, YP\\_073797](#)

**RefSeq ORF:** 1290 bp

**Locus ID:** 3289515

**MW:** 49.6 kDa