

Product datasheet for **VC101598**

U56 (NC_001716) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U56 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U56
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101598 represents NCBI reference of YP_073798 with codon optimized for human cell expression Red =Cloning site Blue =ORF Green =Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTCCATCTATTGCACCTTCGATCAGAACTCACTTTGAGTGATATAGGTACTGTGTAAGCTCA
CCAACGCCGTGATCCCAATCCCATCACATCGACACCTGATTGGAAACACTAACCTGGGCCTGTATACCGT
GCTGAGCACTACCACCGACTACATCCAAATCAGGGATATTCTCAAACCATGGTGTGACCATACTCCAG
AAGGTGGAAGGCAACCAACTGATCCTTATCAGACCCAAAATCGGCCACCAGTATGAGATCAAGAACACAG
GTCCTTTCCCTCTGGAAAAGGGAGATCAACTCAGTCTGTTGCCGCCCTTCTTGAAGCCCAGTCAACAGCT
GCTCGTACTCCCCAACTGGGAGCTGATCCTTCCACTCCTCATTCTACAGACGTGGCAACCGAAATTAAT
GTGCGGATGCTGTGCATCAGTTTGCTGTCCATTATCGCAAGTACGAGGAGGTGCAAATAATTATCGACG
AACTCAGAACTCTGCAATATCGGGACGTCACCATTAAGCTTCCCGACGTGATCAATGATTGTAATCAAC
TTTCAGCATGAAAACGGCTTGCATTAGCTTCTCTATGATTGCTACAATGGCACCAGACATCGTGCAGACA
TACATTGAGCGCCTCAGTCTGGAGGACCAATCAATGCTCCTCATTAAAGTGTCAAGAATTGCTTGCCAAAA
AAAACCTCAGCCAGGAGCCTTCTTTTCAAAGCCACTGAAATCAAGACAGAAGTGCAGAAAATCAAAC
CGTGTTTACCATGATCAACCAGATCAATCCCTGACACAGGAGAAAACGTTCTTCATCGTGGCTGATGTG
AGTGCGGATAACAGGCTCGCAACATGCATATTTAAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >VC101598 representing YP_073798
Red=Cloning sites Green=Tags

MDSIYCTFDQKLTLSDIGTLCKLTNAVIPIPSHRHLIGNTNLGLYTVLSTTTDYIQRDILKTMVLTILQ
 KVEGNQLILIRPKIGHQYEIKNTGPFPLEKGDQLSLLPFLKPSQQLLVLPNWELILPLLIPTDVATEIN
 VRMLCISLLSIHRKYEEVQIIIDELRTLQYRDVTIKLPDVINDCKSTFSMKTACISFSMIATMAPDIVQT
 YIERLSLEDQSMILLIKCQELLAKKNFSQEPSSFKATEIKTELQKIKTVFTMINQINSLTQEKTFIVADV
 SADNRLATCIFKE

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001716

ORF Size: 879 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_073798](#)
RefSeq ORF: 879 bp
Locus ID: 3289516
MW: 33.3 kDa