

## Product datasheet for **VC101659**

### ORF26 (NC\_009333) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ORF26 (NC_009333) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF26
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101659 represents NCBI reference of YP_001129379 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCTGGATAAGTCAATTGTGGTGAATTTTACCAGCAGACTCTTTGCCGACGAGCTGGCTGCCCTGC  
AGTCCAAGATCGGCTCTGTGTGCCCTGGGCGACTGCCACCGGCTCCAGAATATCCAGGCTCTCGGACT  
GGGTGTGTTTGCAGCCGAGAGACATCTCAGACTACATCCAGATTATGCAGTACCTGTCTAAATGTACC  
CTGGCTGTCTCGAAGAGGTTAGGCCAGATTCCCTCAGACTGACTAGAATGGATCCATCAGACAATCTGC  
AGATCAAGAACGTATATGCTCCATTCTTCCAATGGGACAGTAATACCCAAGTGGCCGACTGCCTCCCTT  
TTTTTCAAGGAAGGATAGTACCATCGTACTGGAGTCAAACGGGTTTCGATCTGGTGTTCATGGTGGTG  
CCCCAACAGCTGGGACACGCTATACTGCAGCAGCTTCTCGTCTATCACATCTACTCCAAGATCTCTGCAG  
GCGCCCCGGACGATGTGAACATGGCCGAGCTTGACTTGTACACCACTAATGTGAGCTTTATGGGCCGCAC  
CTATCGCCTGGACGTGGACAACCCGATCCAAGGACAGCTCTGAGAGTACTCGACGACCTTAGTATGTAC  
TTGTGTACTCTCTGCTCTGGTACCGAGAGGGTGTCTTCGATTGCTGACGGCTTTGGTGAGGCATGATC  
GCCACCCCTGACGGAGGTGTTTGGGGCGTGGTCCCCGATGAAGTACCCGGATTGACCTCGACCAACT  
GTCTGTCCAGATGATATCACGGGATGAGGGTGTCTCTCCTACCTGCAGAGTCTTAGCAGCATTTTC  
AATCTCGGGCCACGACTCCATGTCTACGCATACTCTGCCGAGACTGGCAGCTTCTGCTGGTATTCTC  
CTCGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >VC101659 representing YP\_001129379  
Red=Cloning sites Green=Tags

MALDKSIVVNFTSRLFADELAALQSKIGSVLPLGDCHRLQNIQALGLGCVCSRETSPDYIQIMQYLSKCT  
 LAVLEEVRPDSLRLTRMDPSDNLQIKNVYAPFFQWDSNTQLAVLPPFFSRKDSTIVLESNGFDLVFPMVV  
 PQQLGHAIIQQLLVYHIYSKISAGAPDDVNMAELDLYTTNVSMGRTYRLDVEDNTDPRALRVLDDL  
 SMLCILSALVPRGCLRLLTALVRHDRHPLTEVFEQVVPDEVTRIDLQDLSVPDDITRMRVMF  
 SYLQSLSSIFNLGPRLHVVYSAETLAASCWYSPR

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_009333

**ORF Size:** 915 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\\_009333.1](#), [YP\\_001129379](#)  
RefSeq ORF: 915 bp  
Locus ID: 4961509  
UniProt ID: [Q2HR82](#)  
MW: 34.4 kDa