

## Product datasheet for **VC101441**

### DR6 (NC\_000898) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DR6 (NC_000898) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DR6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101441 represents NCBI reference of NP_050180 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACTACACGACACACCCAGACCCGAGACGGCAGGATCGCTATTCGCCGCGACGGCCAGGCTTGAC  
ATGCTAGGGCGAGAGCCAGATTCGAATGGCTGCTGCTGGCCCGGGTAGGCCCTCAAACCTACGGCTA  
CACCTCCAGACACCGGGGAGAACGAATTCACCTCCCTGGCCAGATATTGGTGTCTGGAGCTGCACCC  
GATCCCTACCGCGACCCCGGTCCGCCACAGTGTGGGGCACCCGCTGGGGTTGGCCACCCATCATGTTA  
GGCCAGATCAGTGCAGGATTGTGCCCTGGACAGCAGTTTGTACGTGTGCTGCGGTACGGCGAGAACT  
GCAGCCTGTGGGTTTCGTGAGCTCCTACCTGACCCACAGTCCACTGGACTCTCAGAGTCTCCTGGTA  
GGAAGGGATGGAGCGGTCTATGTGCACCACATGCGCGCTGCAAGACTGTGCAGATTGGCTTCCAACGTGA  
CCGAGTTTGCAGAGCAGGTTTCAGCGGGACCCAGTTGCCTATGAAGAGGACTTGGAGCTGCCGATCG  
GAGGATGTGTGGACCAATGTAAGGCACCTCTTCGACGTTATCGCTGCCGCTGCAGACGAACACGACCTT  
CTTACGGTTGGAGGACTCTGCCAGACCCATGCCGGGTGAGCTGCGAGCTTCTCGAGACAGTAAGGGATC  
CTTGGACCGCGTCCCGGGGTGCGGATGACGCTCACAGTGGCTCGGGCTCAGTATCGCCTTGCCCGA  
TGCCCGCCGACAGTTGAGACTGCATCTTACGCGGGGCATCCCTGGGTCCTTGATTGTGTGCGCCGTC  
CTTAGTCGAGAGCGGAGACTCAGACGCCAGCCGCAATCGGATCCGGGGGTGTGATCTTGGAAACG  
TCCAACCCCGCCCGCGAGGTGAAACTGCCTGGGTTATCGTGACCGTCCGCGGCCGCTTCTCAG  
TTTCTGGCCAGACAATGAAAGATATGCCGATTGGCAACTCTTTCGCCGCTCTGTGGCGGATGGGACCC  
CGGGCCATGAGGGGGCATTGGACTTACAGTGCACAGGGGCCACCTTCCAGGGGACGCTTGGCCTCTT  
GTGAGCACGTGCGACCTCCCGTTGGCAAACGCCAAGGCAGAGAGCTACCTCGAT

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

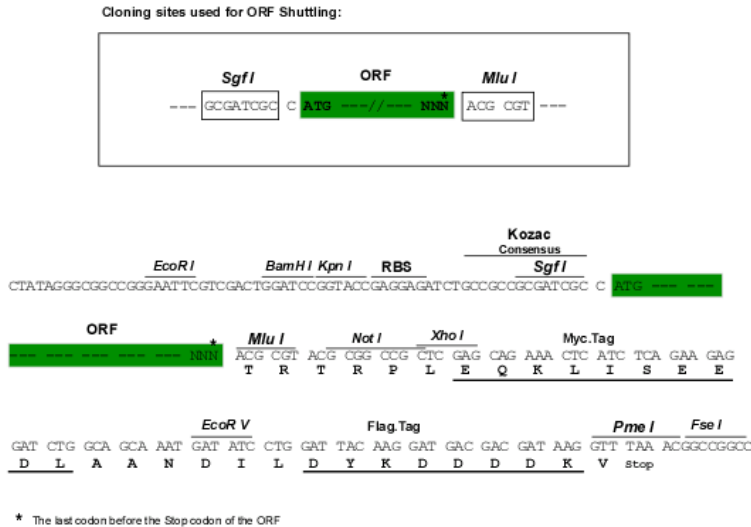
**Protein Sequence:** >VC101441 representing NP\_050180  
Red=Cloning sites Green=Tags

MTTRHTQTRDGRGIAIRRDGARLAHARARARFEWLLLARGRPSKLYGYTSRHRGERIHLWPWRYWCLELHP  
 DPYRDARSATVWGHWRGWPPTHVRPRSVQDCALDSSLVCCGYGEKLQPVGFVSSYLTHSPLDLRVLLV  
 GRDGAVYVHHMRAARLCRLASNVTEFARRGLQRDPVAYEEDLELPDRRMCGTNVRHLFDVIAAAADEHDL  
 LTVGGGLCQTHAGVSCELLETVRDPWTA VPGVRMTLTVARAQYRLWPDARRQLRLHL YAGHPLGPWIVCAV  
 LSRERETQTPSPPIGSGGVILGNVPTPGPREVETAWVIIVTVAGPLL SFWPDNGKICRLANSFAALWRMGF  
 RAMRGHWYTSAPGRHLPGDAWPLCEHVRPPVVGKLPQRAYLD

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_000898

**ORF Size:** 1176 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\\_050180](#)

**RefSeq ORF:** 1176 bp

**Locus ID:** 1497019

**MW:** 44.3 kDa