

Product datasheet for **VC100956**

ORF15 (NC_001348) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORF15 (NC_001348) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100956 represents NCBI reference of NP_040138 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGTAAACGGCGAGAGGGCCGTACACGATGAAAACCTGGGTGTACTGGACCGGGAGTTGATACGGG
CGCAGAGCATACAAGGATGTGTCCGCAACCCACAGGAATGTAATCTTGTGCCATCACCAGCGCTCCAG
GCTTTTCTGGTGGGACTCCAGGGCTCAGTGATCACCTCCGACTGATCCTCCAGTACCATGTGTGTAA
GCTGCAGTCAACGCAACTATAATGGGTTTGATTGTTGTACAGCGGGCTGTGGCCGACGAGCGTAAATTCC
TGAGGACGCTGGCTAAGTTGGGTAGGTGCCTCCAGACAGTGGTCGTTCTGGGGTTCGAGTGTGTGGGC
CGTTGGGTGTCCCATCAGCAGAGACCTGCCCTTTGTGAACTGCTGGGCATCTCTATTTCTGCCATTACA
GGGACAGTCGCAGCCGTGCATATACACTATTATAATTTTGTGACTACCTTTAACGGCCCCATATTTATT
TCTACGTCATGATGCTTGAACAGGCCTTGGAGGGCTCCTGACAGTGATATTGTATATGTACGTAAGCAA
ATATGAGGTGTTGATCGGCCTCTGCATTTCAATTGTGACTCTGGTAAGCATCGTGGACGCCGCGACTGAC
CTCCAAGATACCTGCATTTATAGGAAGAACCGACATAAGCAGTTGAACACTTATACTGACTTGGGGTTG
CTGTCGTGTACCCAGAATGATCGGGGAGGGTGTGTGATCACAGGGAATCATCCGACGCTGAAAAG
AGTCTTTAAGGAATAAGAATTATGTCCTGATCCCCCGTGTGTATATTGTGACCCCTCTGATGTGG
GCCATATCCCATATCATTAACTTAACCACTTTATTAAGCTGACCAAGTTACACTCGCAGTCTCAATTG
GCGGTCACATTATCGCCTTTGGGCTGCAGGGATTTGCCGTCCTGTACCAGGAGAAGAAAAACCTGTGGGT
GATCGTCTCTACACCACAACTAGCGTGACCGGAATCGCTGTGACGTTCCGCCGGGATATCTTGGGGCGCC
ATTATTATCCTGACATCCACCGTGGCCGCGGATTGACATGCATTAGATGATGAGACTCAGCGTTAAGC
CAATCGACTGCTTCATGGCAAGCCACATAACCAAAGTATACCATGTTTGTGTATACATAATCATAAATCT
CTGCTATCTGTGTGGGACGTATGTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



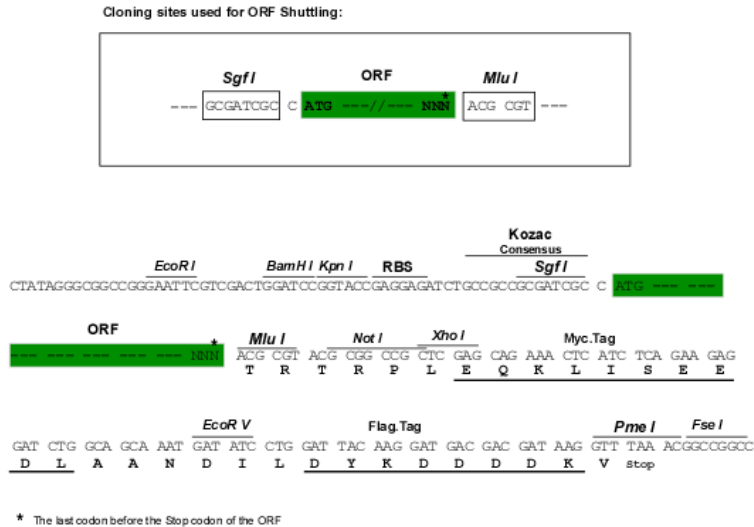
Protein Sequence: >VC100956 representing NP_040138
Red=Cloning sites Green=Tags

MAVNGERAVHDENLGVLDRELIRAQSIQGCVGNPQECNSCAITSASRLFLVGLQASVITSLGILQYHVCE
 AAVNATIMGLIVVSGLWPTSVKFLRTLAKLGRCLQTVVVLGFVAVLWAVGCPISRDLPFVLLGISISAIT
 GTVAAVHIHYNFVTTFNPHIYFYVMMLGTGLGLLTVILYMYVSKYEVLIGLCISIVTLVSIVDAATD
 LQDTCIYRKNRHKQLNTYTDLGFVAVVYQNDGRVCDHRESSRTLKRVFKGIRIMSVIPPVLYIVTPLMW
 AISHIIKLNHFIKLTQVTLAVSIGGHIIAFGLQGFVLYQEKNLWVIVLYTTTTSVTGIAVTFAGISWGA
 IILTSTVAAGLTCIQMRLSVKPIDCFMASHITKVYHVCVYIIINLCYLCGTYVS

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_001348

ORF Size: 1218 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_001348.1](#), [NP_040138](#)

RefSeq ORF: 1218 bp

Locus ID: 1487652

UniProt ID: [P09310](#)

MW: 44.5 kDa