

Product datasheet for **VC102367**

putative ankyrin repeat protein (NC_003494) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	putative ankyrin repeat protein (NC_003494) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	putative ankyrin repeat protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>The Viral ORF clone VC102367 represents NCBI reference of NP_612299 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACTCACTTGTGGACCTGATAAGGGCCGGGGGGTGCCTGACGTGGCCAGTACGCCACTGGGTAG
ACGAGTATAACGCAGAGGGATTACACCTCTGATGGTTGCAGTGAAGCTGGAAACGCAGGGCTGTTCA
TGCACTGCTGACCATGGGGCCGATCCTAATGACGGACACGCACATGGGCATCGCGTTCTCTGATCGCC
GCCGTAGCGGGCCATGGGACCTGTTTGTGGCTCTCTGCAGTCCCCTCGCTGCGCGTCAACGCACACA
ATTCTTCTCAGGACCCGACTGCACTATGCCGCCGACACTGAAATGCCAAGCTACAGAAGCTCTCT
CGGGCCGGGGCCGACTGAACGCGACCGACATTCTTGGGAATAGTCCCTGTTTGTGCCATCACGAAT
GTGCAAGTGGCGAGTATGCTTATGCATGCAGGCGCAGATGTGAACATCGTTAACAATGCCGACCACACTT
TCATCCAAAATGTGTTTCGAGCATGTTGCCACAGCTGATGATAAGCACGACGTCGCGGTGCCTATGGCTCT
GGAGGCCGTGAGACATGGCTTGAGGATGACTGCGACAGAACTCCAACGGATCCTGACGTTGAGCACCTG
GGCACACCATTCGCTGTGACGATCATGTCCACTCTGGATAATGTAGACATGGGCATGTCACACGAAACAG
GACATGACGCGGTGCAACATGCCGTGGCCACAGGTTTGACAGCCGTTACAGATTTCTTGTGGCCCTGCT
GCACTACGACGTTGACAGCCTCGTGCAGATGGCCGTTTTGGGACCAATCCAGCCGTGATGATTATGCTT
ATTGAAAAGTATGAGATGGATGTCCACCAGAGGCCAGGCGCTCAGCTCCTGCTCAACGCGCTGCTTAATA
ATAATGTCGCAAGTGCCAGATACCTTGCCTGGAAGCTGGGGTCACTGTTGATCCTCACGACGCTACTGC
CCTGACTACAGCGCTCATGGTATCACAGAACTCCAGTTGGTCAAAGACATGTCACGACACTATAGCTTG
GACATGGTGACCCCGATAGACGGCCGGTCCCCTGACTGCTGCTGGTGTCTACTGCTGAGGTTGATG
AGGATTTTATTGTCGACTTTATTACGTATTTACACCTAGACAGGGAGTACGCTGCTCACTGGGCACGT
CCCACCGTATATGTACACAGGACGGGTGGCCCTGGCATACACGCATATGATGACCCTGAGGAATATGGCG
GTAGGAGCTTTCCTTGGCACAGCCGCGACAGTCTCAACACACATTGACTTCGGGGTGTACAAGACAC
TG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC102367 representing NP_612299

Red=Cloning sites Green=Tags

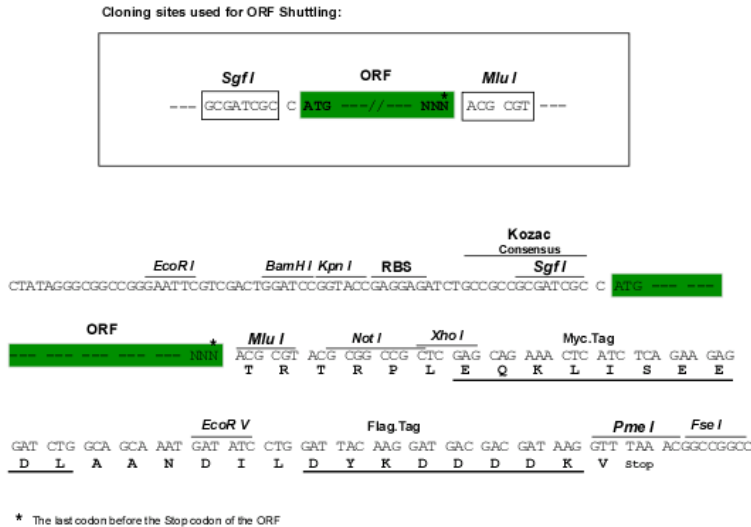
MDSLVDLIRAGGVPDVAQYADWVDEYNAEGFTPLMVAVEAGNAGAVHALLTMGADPNDDGHAHGHVPLIA
AVGGPWDLFVALLQSPRLRVNAHSSHETALHYAADTGNAQATEALLRAGADVNDILGNSPLFAAITN
VQVASMLMHAGADVNIIVNADHTFIQNVFEHVATADDKHDVAVPMALAEVRHGLRMTATELQRILDVEHL
GTPFAVTIMSTLDNVDMGMSHETGHDAVQHAVATGLTAVTDFLVGLLHYDVDSLQMAVLGPNPVMIML
IEKYEMDVHQRPQAQLLNALLNNVASARYLALAEAGVTVDPHDVTALTTALMVSQNFQLVKDMSRHYSL
DMVTPIDGRSPLDLLVSTVAEVDDEFIVDFITYFTRQGVSLLTGHVPPMYTGRVGLAYTHMMLRNMA
VGALPWHSRDSAQTHIDFGVYKTL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NC_003494

ORF Size: 1332 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_003494.1](#), [NP_612299](#)

RefSeq ORF: 1332 bp

Locus ID: 935350

MW: 47.8 kDa