

Product datasheet for **VC102402**

ORF112R (NC_003494) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORF112R (NC_003494) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF112R
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102402 represents NCBI reference of NP_612334 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGTTCCACGCCGAATCATCACACCCGAATAAGATTAATCACTGATTGAGCTGCTCTATGCAAATG
CCGAAACCGTCTACTTCAGGATTTCAAAGAGGGAATGCAGTTTGTGCATGTTATTCACGACGTGCATAT
CTACGCCAACCTGCACGCCAGTGGATTTCGACACCTACCACTTCGATGCGCCAACCTGAGGCAGTGTACGTT
GGCTTGGACAGCATACAGCCCGCGACTTCAAGACAGTCAGAAAAGGCTCTAGGGTGTCTTCAAACCTGC
ATGGGGCAGAGCCGATGCAGTTTGTAGGTGCAGGTCGGAGCCAGGGCGGGGGTCTGTGACCTTTATCAC
CGCTGTGAAACGTACGACGCTGCCTTCGAACGGCCTGCCGAACACACTTATATGGACACATTTACCCTG
TGTACTGCAGACTTCAGCAGCATGTGTGCGGATTTAAACCCGGCACAATGACCATCGACGCCGTGCTTG
GAGCCGAGGTACGCATGTCAATGTGCAATTGAGGGCTTTAAAACAAGACATACAGGTTTGGCACCAGCGG
GGGAAGCGTCACTCCCCAGTATCACGCAGAAGTCAGCAGTGACAGAATCCTGAAGTTGGCTAAGATGGCG
GCCTTTGCAGACAAAAACGGGAGTTCTCCTCAGCGTTGGCGACGCTGGACTCCGCTTTGTGGCAACCT
GTACCCTTGGTACCGTGAAGTGCACGTTGCTGTGACCCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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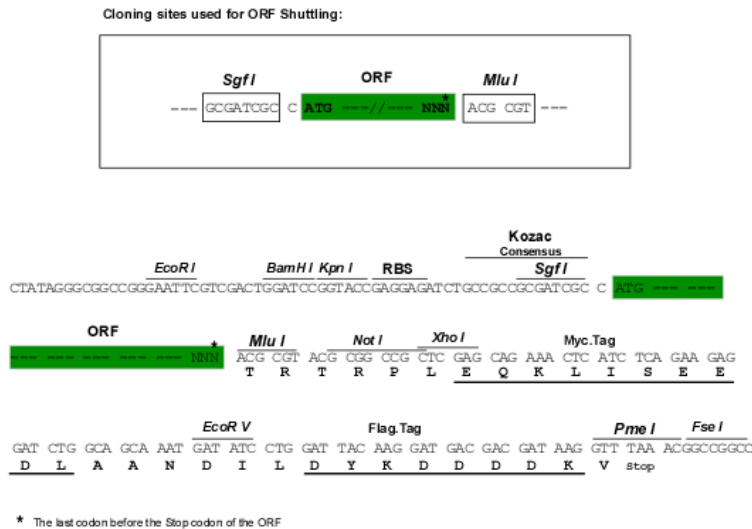
Protein Sequence: >VC102402 representing NP_612334
 Red=Cloning sites Green=Tags

MLFHAESSHPNLIKSLIELLYANAETVYFRISKEGMQFVHVIHDVHIYANLHASGFDTYHFDAPTEAVVY
 GLGQHTARDFKTVRKGSRVSKLHGAEPMQFEVQVGAQGGGSVTFITAVETYAAAFERPAEHTYMDTFTL
 CTADFSSMCRGFKPGTMTIDAVLGAEVRMSMCIEGFKTKTYRFGTGGGSVTPQYHAEVSSDRILKLAKMA
 AFADTKTGVLLSVGDAGLRFVATCTLGTVEVHVAVTR

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_003494

ORF Size: 741 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_612334
RefSeq ORF: 741 bp
Locus ID: 935410
MW: 27.0 kDa