

## Product datasheet for **VC102330**

### ORF040L (NC\_003494) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ORF040L (NC_003494) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF040L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102330 represents NCBI reference of NP_612262 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAAAACCCCGAACGGCGCACAATGCCAGCTCCAGTGTACCTGTAGACCCACGGTACGGCCACA  
ACCCAGGGTGGATCTCCGAGATTGCTCCGACGATGTGGTCTCAGATCTGGTTGCCTTCGTGCAGCGATC  
TTACTGGGACATGGGGATAGACGTGAAGTATTACACTGCCTTGCTGGAGGAGGGGAGCCAGGCAGACCTT  
ACCTTCTCAGTCGCACCAGCCGCGAAATTGGGATCATCGGGTGCCGTACAGGGGGATGCCGTGACTA  
AAGTTGACACGACCCCACTGATTGCATCTATCAAAGTATGCGCGAGCGCTACGCCCAGCATATACCGA  
CACGGTGAACAGCACCCCTGGCCACCCTCAGGCCGGCTGCCGACGAATACGTCCCGAGCGCAAAGAATTG  
GAGGAAGAGTGGACTGTCGAGACAATGACGGCTGTGCAGCAACTGAAGGACGCCGTTTCAGAGTACGAGG  
CTCAGACTGCTGCTTCCCTCGACAGGCTTGATGACGCCACGATGCCAATGCTCAAGCCGTGGCCGAGGC  
AACAGACATCTACTATAATGTGATCGAGCTCCAGCAGGAAGACTGGGAAGATGTGACACAGAGGACGACT  
CGAATTAATGCACAACCTCGGGACCATATCGAACATATCAAGCGGTACAGACAAAGTCGCTCCAAGA  
CGAGTTCAACAGCATTGCAACCGCCGAAGATCTGGATGCCGCTTTCAGCGGGTACTGACGCAGGCCCT  
TAGGGTTTCCGGTCTGCCCCAGCCCTGCTCACAAGGTACAATATCGTCCCGGAGACCACATAATTGAG  
CAGCAGTGTGATGTGTTTAGCGCACAGATCGATGGGCCAGTGCTCGTTTCCGTCTGTCTGTACTGTCTGCT  
TTAATGTGAAAGATGTCACAACGCACGTGGTGGTGAAGTACTGCGACGGCCCTGTTTGCAGCTCTGAACC  
CATAGCCAATCAACACGGTACCGTATGTACATGGCTGTGCGAGGACTCCATGGGGTGTGTAGCGGGGTG  
ACTGTCTCTGTGTATATAAGAGGCAGATCCGGCACTCTGATTGTCAGCGTCTTCCGAATCTTTTCGTAG  
TACTGACTGCCCTGACT

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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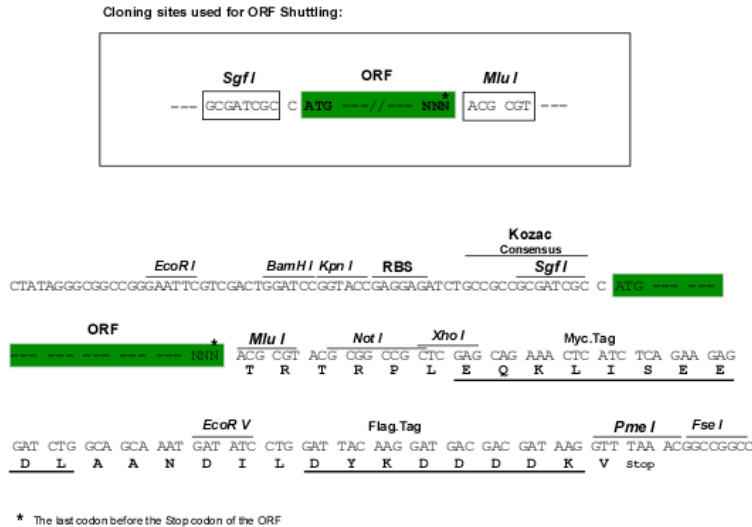
**Protein Sequence:** >VC102330 representing NP\_612262  
Red=Cloning sites Green=Tags

MEKPRNGAQC PAPVSPVDPYRIGHNPRVDLRDCSDVSDLVAFVQRSYWDMGIDVKYYTALLEEGSQADL  
 TLLSRTSRRNWDHRAAVQGDVTKVDTTPLIASIKLMRERYAQHITDTVNSTLATLRPAAD EYVPSAKEL  
 EEEWTVETMTAVQQLKDAVSEYEAQTAASLDRLDDAHDANAQAVAEATDIYNNVIELQEDWEDVTQRTT  
 RINAQLRDHIEHIQAVTDK VASKTSSSTAFATAEDLDAALQRVTDAGLRVSGLPPALLTRYNIVPGDHIEE  
 QQCDVFS AQIDGPVLVSVCLYCRFNVKDVTHV VVSNCDGPVCSSEPIANQHGTVCHMAVDGLHGVC SGV  
 TVSVYIRGRSGTLIVSVLPNSFVVL TALT

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_003494

**ORF Size:** 1137 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\\_612262](#)

**RefSeq ORF:** 1137 bp

**Locus ID:** 935419

**MW:** 41.5 kDa