

Product datasheet for **VC102412**

ORF122L (NC_003494) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORF122L (NC_003494) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF122L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC102412 represents NCBI reference of NP_612344 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGATTACGTC AAGCTCTATACA AACTAAAATTCTCTGT CATGTGCGACGCTCTCCAGTGCAACCTGT
GCGATGCCTTGTACATTGGGAGCAAAGGCGCCAACATGCTCAGGCACCTGCGCACTGTGCATAAAGACAA
GTATACACAGGTGGTGCAGGCCAATGGCAGAGACGAAGAACTGATTATGTCTCACATGACAACCTTGTAGA
GTCATCGTATCTAATCCACAAGGTGAACATATGTGATATCGTCTGCACTCCCAGTGCCTAAGCAATC
TCTCCCGCACCTGAGAATAAAGCACCCGAAACCTGCGATCCTGTCTGGATCAGCCCTACCCAGTTAC
AACATCCGGCGTGAGTCGGCGCTCTCGGCGGCCTCACATGGCCCTGGTCCAGCTGTTGAGGACGATGCAC
TGGCCGGTCGATGTCGTTGAAGCCCTGCATTTGTTTCAGTTTGTACAGCAGTAGCCCCAAATACGTCC
TCCCCTTAAGGAGGTCCGAACATATAAGTGCAACTCCACGGGCTTTGTATTTCTGGCGGCTGCACTA
TTGCGTGTATTTCCCCAGGAGCTTGTTCGATATTTCACTAATGATTCTGTCCAAGACGCCCCCTC
GACCTGTCTTGAAAATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >VC102412 representing NP_612344
 Red=Cloning sites Green=Tags

MSDYVKLYTTKILCHVDALQC�LDCALYIGSKGANMLRHLRTVHKDKYTQVVQANGRDEELIMSHMTTCR
 VIVSNSTRCNICDIVLHSQCVSNLNRHLRIKHPETCDPVWISPTPVTTSGVSRRSRRPHMALVQLLRMTM
 WPVDVVEAPAFVQFVTAVAPKYVLPKVEVRTYKNTPRVLYFWRLHYCVYFPQELVRYFITMDSVQDAPL
 DLSCKM

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NC_003494

ORF Size: 648 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_612344
RefSeq ORF: 648 bp
Locus ID: 935316
MW: 24.9 kDa