

## Product datasheet for **VC101928**

### hypothetical protein (NC\_001457) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	hypothetical protein (NC_001457) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	hypothetical protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101928 represents NCBI reference of NP_040892 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAATCCTTGGTGGCCGATTTGATGCTCTGCAAGAAGCCATCCTCACTCACATTGAGTCCCAAGAGA  
GTACACTGGAGAGTCAGATCCAGTACTGGGAAAATATTCGCAAGGAGAACGCTATTATGCATTATGCTAG  
GAAGCAAGGCCTCACTAAATTGGGACTTCAGCCCTTGGCCACACTGGCGGTCACTGAGTACAATGCCAAG  
CAAGCAATTCAAATCCACCTCACGTCAGAGTCTCCTTAAGTCTCCCTTCGCCTCCGAACGCTGGACCT  
TGACAGACGTGAGCGCTGAGCTGATTAATACTTACCACAGAAGTGCCTGAAAAAGGAGGTACGACGT  
CGCCGTGTGTTTGATAATGACCGGCAGAACGCAATGTTGTATACTAACTGGGATTTTCTCTATTATCAG  
GACATGAATGAACAATGGCACAAGTGAAGGGCGAGGTGGATTACGACGGTCTTTACTTTACAGATCATA  
CCGGCGAGCGCGCTACTTCACTCTCTTCACTCTGACGCACAGAGATTCTCCAGAACAGGGCTGTGGAC  
GGTTCATTTCAAACCTCAAGTAATCTCAAGCCGATTGTGAGTAGCACCTACTCTAGCTCTTTTGACACA  
GAGGAGCAACAGCTTCTGGCCCTCAACCTCCTACAGCGAGGTGACCGAGCAAGCGTCCCCACTCGAA  
GACGAAAGCCAAGGAAATCCGACGCAACTTCCACAACAAGTCCAGAAACAGAAGGAGTCCGCTTGAGACG  
GCGGCGACGGGAGGAAAATCAGGCCAGCGAGTGGCGAAAACGCCTAGAAAGCGGAGGAGAGGAGCGGT  
AGGGGCGGAGGGGAAACAGAGCTTGATCCGCACCTTCCCCCGCGAGGTGGGCAGTAGGCATCGACAGG  
TTGAGAGACAGGGGCTCAGCAGGCTGGGCTTCTGCAGGCAGAGGCCAGGGACCCACCAATGATCTTGCT  
CAAGGGGACCGCAATCACTCAAGTGCTGGCGGTACCGGAAGGTGAACAGCAATTGCTGTAACCTCCTC  
TTCATGTCTACTGTGTGGAATTGGGTTGGAGACTGCAGTACAATCACAGCCGATGTTGATCGCATTCC  
ACTCCACAGATCAGCGGGATGCTTTTGTCAAGCATAATCTTTCCCAAGCTGTGTACGTATACCTACGG  
GTCTCTCAACAGCCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



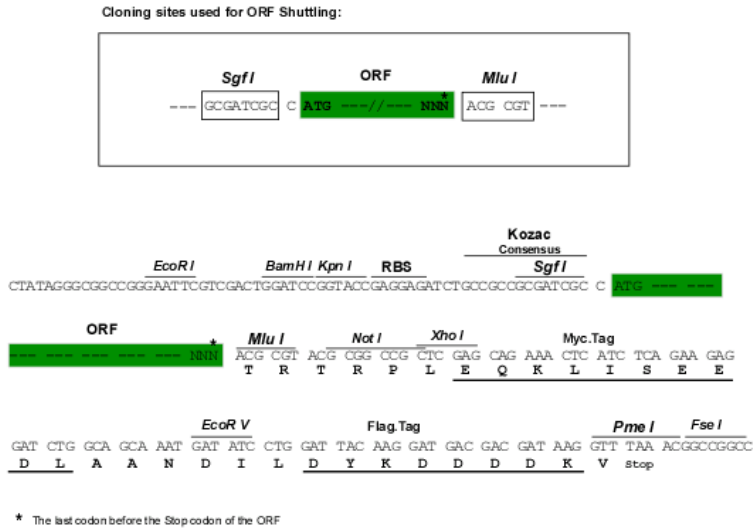
**Protein Sequence:** >VC101928 representing NP\_040892  
Red=Cloning sites Green=Tags

MESLVARFDALQEAILTHIESQESTLESQIQYWENIRKENAIMHYARKQGLTKLGLQPLPTLAVTEYNAK  
 QAIQIHLTLQSLLKSPFASERWLTLDVSAELINTSPQNCLKKGGYDVAVWFDNDRQNAML YTNWDFLYYQ  
 DMNEQWHKVKGEVDYDGLYFTDHTGERAYFTLFSSDAQRF SRTGLWTVHFKTQVISSPIVSSTYSSSFDT  
 EEQQLPGPSTSYSEVTEQASPTRRRRKPRKSDATSTTSPETEGVRLRRRRREGKSGPGSGETPRKRRRGGG  
 RGGGETELGSAPSPAEVGSRHRQVERQGLSRLGLLQAEARDPPMILLKGTANSLKCWRYRKVNSNCCNFL  
 FMSTVWNWVGDCSHNHSRMLIAFDSTDQRDAFVKHNLFPKLCITYYGLNSL

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NC\_001457

**ORF Size:** 1206 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\\_001457.1](#), [NP\\_040892](#)

**RefSeq ORF:** 1206 bp

**Locus ID:** 1489449

**MW:** 45.8 kDa