

Product datasheet for **VC101714**

ORF75 (NC_009333) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ORF75 (NC_009333) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ORF75
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101714 represents NCBI reference of YP_001129434 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTACGATGTTACTGGTCTCTGGCTTGAGAGCGACCTGACGGCCGACGAAGAAGCGTTGTAAGTT
TCTATACCTCTCGGACAGGAACGTTGACATTGGTGCCGGGTGGAACAGGTGGATACTATCTGCTCTGGAT
CACCTTCCGGAGGCCCAACGAGCAGGGAGGAGAGGGAACGCCGGGATGTTGAGATACAGACTGTGCTC
GCAGTTCTCACCCCTGTTGGGATATCCTCATGTTATTCGGAGGAGTCCACCCCGAGGCTCCGAAAGGG
TGGTTTCTTCGGTTACGGCCCAATATCAATCATCGCCCAACCACCCTGTCCACAGAGCTGGGCGTGCT
GCTCAGAGAGCTGGGCTGCAGGAGTGGCTAGAGTCAAGTGGGCAGACACCTGGTGTCCAAGTCACT
CAGACCCTCCTGGAACCATCCCCACAGTTTATTCGAGCATTACACAAAATACTGATCTGGTGCCCT
ATGAGGGCCTCGAGGTCCAGAGGGGCTCAGCCCGTTGCTCGCCCTCATATCGAGGATGATGTGATTAT
GCAGGCTGTGATGATCAGTCTTGGTGTGATCTGCTGCCACTGGCAGTTCAAGCAAGCACCAGGAGACAAC
TATAACGTGGCACGGTATTTGTGATCCAGGCCGGTGTACCATGGAACGCTGGCCATGGAATTGCGCC
GGCAGGCTTTCGGTATCCATGGGCCTATACACAGTCCACTCCAGTGTCAACGGGGCATTAGGGGGCT
CGGAAATCTGCTTTTCCATAGCACCTTTTCCGGGGGCCAGACGAAGGGGCTCTGACTGGGCTGTAT
GGGACAGAACCCGCTTGGGACCAAGGGCTCATTACGGTTTAGAAGGATCTTCGAAAAGGAGTCCAGC
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GACCACACCCGGCAATGCCTTGGCCGTATGTAGCATCAGCACTACAACCTCTAAAGAATGCATATCTCTT
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CCGGGATCCGAATCGTCGACGACCTGACCGGAGAAACCTAGAGTGTTTCAGCGTGGACCAACCCTCTAG
CACACCCCTCCCATGGCTGGCCCTGAGCGACGGGGTTCGAGTTAGTGGCCATCCCGAGGACGTCGAC
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TCTATCTCTGGAGCGTGAAGAAAATAAATGATCATCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101714 representing YP_001129434
 Red=Cloning sites Green=Tags

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MAYDVTGLWLES DLTADEEAFVSFYTSRTGTLTVPGGTGGYLLWITFRRPPTSREERERRDVEIQTVL
AVLSPLLGYPHVIRRSPPRGSERVVSFGYGNINHRPTTLSTELGVLLRELGLQEWARVEVGRHLVSKIT
QTLLEPHPPQFIRAFTQNTDLVPYEGLEVPEGPQPVARPHIEDDVMQAVMISLGADLLPLAVQASTGDN
YNVARYFVIPGRCTMERWPWNCARQAFGIHGAYTHVHSSVQRGIRLGNLLFHSTLFPGGQTQGALTGLY
ATEPALGPRAHSRFRRIFAKGVQQAEMLQAGAVPTLGGFLKTVRTIATTPGNALAVCSISTTTSKECISL
RRMIPQQTVVCLGRFEPTDGPDTYPNL YRDSSDNVRILETLKLVQRLAKGPIFSGLNRSHPAPVVRHL
QALAPRTGLELFVSKLPDEVRAHLPADPAAGPDAVEAAVAEHFLNVYCSLVFAVVAESGAVPGDLGETPL
EVLQRAARLCAQCITVLGRTSEQPGIRIVDDLGETTRVFSVDQPSSTPPSPWLALSDGVRVSGHPEDVD
WGLFATGSTIHQLLRHATVGSKEFFTRHMDRCSNGLIAQQAGVGPLDIPVSDYHLVLHSSMLAERVAPRV
PDTVEAITPSMANLLHKDFETWVKALPQELL PVPAWRGQAMAMGEQAYKMATNVSTGATYAITEALTNLM
FSPVSKLQDVVL TGAVAWSPEDHQAGLLQECLFACKEFCRELGVALSISSAASSPTLSERHVITQQQET
VEVLPFNSVVFTSWAEVKGSRVYRTPDVKVEGNALVYLAVNQSLIAGSTFEHNFLASRHPIPPLNPSTV
ASLFMLVKYLMKRLIVSGHDIGDGLLPSAIEMALAGCRGLQLSLPAHPNPLELMVSETPGALVEVPQV
HLSEVLR AARDYRCVAHPLGTVGPEGGQNNVTILQNETVVFQETLTSLQVSWTSFSDMMWNLVTPPLHPL
EDMHRKDLGRLEHHLGSLRAMCLGSQRLRFSCPTSPRRVAALVLPSSAPYALMAALQNTGFEVATVTE
ELKRGQSLSGFSLITCLRTGCQASYASARGWLALCNDPTCASTLTFELNRPDTFSICCGEVGFQLLVA
LGVVGRSESSPYTYGPTPPQRWAVNLETNVSKLYDSHWLNIQIPQNTKSVFLRVLRGTVLP SWAQGEYLG
VRYEQDALEYILRQRGEITLTYHGNADETLPARHYPRNPTGNSTVAGL TSSDGRHAALIDP SLMFHPW
QWQHVPD LTPLSMSPWAMAFQSIYLLWSVKKINDHH
  
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TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NC_009333

ORF Size: 3888 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:	<ol style="list-style-type: none">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_009333.1 , YP_001129434
RefSeq ORF:	3888 bp
Locus ID:	4961476
UniProt ID:	Q2HR82
MW:	141.7 kDa