

Product datasheet for **VC101590**

U50 (NC_001716) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	U50 (NC_001716) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	U50
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>The Viral ORF clone VC101590 represents NCBI reference of YP_073790 with codon optimized for human cell expression

Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACGCAGCTGAGTCTGTTTTACCAGTCCCGATTCAACCAATCTTTGAGGGACACGTGCGCAACTC
TCATCTGCACCGAAGAAGATATGCAACAACCTGCAGAATCTGGGATTAGAAAACCTCCGAAAAGAGAAAGA
GGAAATCCAGAAGAATAAGATTCTGAAGAACCTTCTCAAACCGAATTGGATGTCCTGCAGGCCACGTG
CAAACAGAGTGCCAGAAGCTCAACACCAACCTGAGAGACATCGAGAACGCCCTGCTGCTTAAAACAGAG
AGATCATTCCATCATCCGAGACGAGATCAGTGTGGAAGAGTCATTGCAGGCCAAAACAGTTACCCAGGT
GACTATCACCCAGATAGACCCCGCTATTCACCTCACAGAAAACCTCAGACCTGAAATGATCAAGACTTTC
TACAACAACACACAAATGTGGAGCTATACGTTCCGAGCCTGGTCTACAAGTTGAAAAGAGCATTITTTTA
CCGATTCTAAGCTGAAGCGCATGTTGAACTTACCTATGTCGATAGCCTGTCAATCACCCAGGAGTTGCT
CAGCATCTCAATTAATGCCCTGGAACAGATCACTATCTATCCTATGCACGACAATTTGGTTAGTGATCTG
GAGGCGGGGCTCTGCCTGCTCACAGCCTTCTTCGCCAGCTATCCTGGAACATTTTGACAGAGAATCA
AATTCTGGTGTGATCCAAAACCTGAGTCAGATTTTCCGGTATCTGAATACCGAAATTTTGCCACTAA
AAATGCCTCCCCCAAGATTTCTATTTCCGGCTCAATGATCCCGATAAGATGAAGTATTTTATTCCTCTG
TGTAAGGCAGGCACTATGCCATCAACACCTTTCAAATCACATTCTGATTAAGATCTTTATAAAAAAGG
GCGTCATCAAGCAAGTCCGGGAGACCAGATGAGCAAGGGGCATGTCGTGATCGAGTCCAAGCTTACCGG
CACCTGACAGACGATAAGCTGCTGTACTGGACGCAAACTCTGCTCCAGCCCAAGCTTGGGAAAGAGGTT
CCCATTTTCGTGCATCAACAGCAATACCTGAGATCTGGAATCGTAGCTATTGAATCTCTCTATTTGCTGT
GGCAAATTCGAATCCGAAAGCATTTTTGGGAAACGGACTGGCAAGTCTATCTCACCACAATTTTTCC
ACACGTGAACGCCGAGGACGTGACCGAGACGGAATTTAGTAGCGTGAATATCCAAAACCTCGAATTTCTG
ATGAAGAATTACGTGGTCCCCACGTATCTGGCCAATAACGAATCTACTATCTCCACCCTGTTCCCGGGC
TTATATCAATCGTAGTTAACGAGAGTGTAGACTGGGATGGGATCATAACCAGAATACTTACCCAGAC
AAACGCCCTGCATTCTCAGACCAAAGATAATCCATTTGTTGAATACATAAGGAGCCAGTTGGAAGAACT
GCTGAGTTGGCCGACTTAAAAGCATGACAAAATACTGTTCCACTTTGAGAATGGGCTTAATGTTACCC
TTAGTTTGGCACTGCCCCGCCATAGGCTCTTGGCATGGCCTCAAGTCTGTTCAATGTGGCTGACCTGTA
CGATTTCTCTACTTCTCGTCTTGGGCTTATTTCCCGTCCCACTGTGATT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC101590 representing YP_073790

Red=Cloning sites Green=Tags

MTQLSLFYQFPPIQPIFEGHVRNTLICTEEDMQQLQNLGIRKLRKEKEEIQKNKILKNLLKTELQVLAHV
QTECQKLNLRDIENALLLENQKIIPSETRSVLEESLQAKTVTQVTITQIDPAIHFTENFRPEMIKTF
YNNQMWYSYTFGAWFYKLRKRAFFTDSKLRMLKLYVDSLITQELLSISINALEQITIIYPMHDNLVSDL
EAGLCLLTAFASYPGFTLTENIKFVDVIQNLSQLFRYLNTEILATKNASPDYFYGFNDPDKMKYFIPL
CKGRHYAINTFSNHILIKIFIKKGVIKVPGDQMSKGVVIESKLTGTLTDDKLLYWTQILLQPKLGKEV
PIFVHQYQLRSGIVAIESLYLLWQILNSESIFGKRTGKFFLTTIFPHVNAEDVTETEFSSVNIQNFEL
MKNYVVPTYLANNESITLFPGLISIVVNESVRLGWDHNQNTLTQTNALHSQTKDNPFVEYIRSQLEET
AELAVLEKHKILFHFENGLNVTLSLALPRHRLFAMASSLFNVADLYDFLYFLVLGFIPTVATVI

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

