

Product datasheet for **VC100152**

polymerase (NC_012959) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	polymerase (NC_012959) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	polymerase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC100152 represents NCBI reference of YP_003038603 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAATGTGTCGATACAGCTACTAACTCACCCGTGGAATCAAGTATCATCTGCATCTGAAGCAGGCC
TGTCACGGCTGTATGAAGTGAACCTGAAGACTCTGCCCTGATCTGGATCTCCGAAACACCATGGACTC
CTCCCACTGCGCGCACTGGTTTTTGCACCTCGCCCTAGACCGCAGAAATCTGGACGTGGCTTCCAAG
GGTTGGTGTCACTGCTCGTGTGGAGGAGCCCAAGGGAAGTCTACGCTGGAGAGCAGAAAACCATC
AGCCTGGCCCCCTCTCCTTAAATTTCTGCTGAAGGGGCGGGCAGTGTACTTGGTGGACGAGTCCAGCC
CGTGCAGCGGTGCGAATATTGCGGACGCTTCTATAAGCATCAGCACGAGTGTAGCGTTAGGCGCAGAGAT
TTTTACTTTTCATCACATAAATTCTCATAGCAGCAACTGGTGGCAAGAGATTAGTTCTTCCCAATCGGAA
GCCATCCCGGACTGAGCGATTGTTGTGACCTATGATGTGGAGACCTACACATGGATGGGCTCCTTTGG
CAAGCAGTGGTCCCCTTCATGCTGGTGTGAAGTTTTCCGGGGACCCAAAGCTGGTGCCTCTTGTCTCGG
GACCTGGCCGTGCGACTGCGGTGGGATCGCTGGGAGAGAGATCCTCTGACATTTTATTGTATCACGCCC
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GTGGTTTTCTTTATGCAAGCTAACCCACATCTGCAGGAGTGGGCGCTGGAGCAACATGGTCTGCAGTGT
CCTGAGGATTTGACTTACGAAGAGTTGAAGAACTCCCCACATAAAGGGACGACCTAGATTTATGGAAC
TCTACATAGTCGGCCACAACATCAACGGTTTTGATGAAATTTGTGCTGGCCGCCAGGTATCAACACAG
AGCCTGCGTCCCAGGTCCATTCCGGATTACTAGGAATTTATGCCCGCGCAGGAAAAATCCTGTCAAC
GATGTCACCTTCGCCCTGCCTAATCCCTTGAGTAAAAAGAGAACCAGACTTCGAGCTCTGGGAGCAGGGT
GCTGTGATGACTCAGACTTCAAGTACCAGTTTCTCAAGGTAATGGTCAGAGACACATTCGCCCTCACCCA
CACTTCCCTGCGGAAGGCTGCCAGGCCTATGCGCTGCCAGTGGAGAAAGGGTGTGTCCATATAAGGCC
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AGTTATGCCCACTTTATCAGGGATAGCGTGAGACTTCCACATGCTCATTCAACATATTCCAGAGGCCCA



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CCATCTCAAGTAATTCTCATGCCATTTCCGACAGATTGTCTCCGCGCTGAGCAGCCACAGCGCACGAA
TCTTGGGCTGCGTTCTGGCACCTCTCACGAGCTGTATGACTACGTGCGCGCCTTATTCGGGGTGA
AGGTGTTACCAACTTATATTGGCATACTGTCAGAACCAATCTATGTTTACGACATTTGTGGGATGTACG
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GAAGTGGCAAATGGCACTGGATGATGCTCCCTCAAGATTGATTACTTCGATAAGGAATTGTGCCGGG
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GGAAGACCGAGGAATCCCTGCAGGACAGACCATAAAGTCCGTTTACGGGGATACGGATTCACTGTTT
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TGGTCTTTGATCCTAAGCAGCCGAAGTACCTGGCTGGTGGAGTGCAGAACAGTTTGCAGCATTGCGG
CGCAGACGCAATTTGCGCCGAAAGCGTTTTTCTCGCTCCCAAGCTCTACGCTCTGCAGAGCTGCTTTGC
CCAGCTTGCAGCAGGTTGAGCAAGGCAAGCTGCGCGCCAAAGGACACGCCGCAAGGCCCTGAATTACC
AGTTGATGGTCACTGCTATCTTGACAGCGCCAGGGCGAAGACAGAGCTAGGTTTAGTACTTCTCGCAT
GAGCCTGAAGCGGACCCCTTGCATCCGCTCAGCCAGGTGCACACCCCTTCACTGTGACGGAGACGACCCCTG
ACACGGACTCTGCGCCCGTGGAAAGACATGACCCTGGCTGCCCTGGATGCACACAGGCTGTTTCTTATT
CCAGAAGCAGACCTAACCTCGAACGAGGAAGTGTGTTGGATCCAGATGCCA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>VC100152 representing YP_003038603

Red=Cloning sites Green=Tags

MQCVDATNSPVEIKYHLHLKHALSRLYEVNKLTPDDLRLNTMDSSQLRALVFLRPRRAEIWTWLP
GLVSLSVLEEPQKSYAGEHENHQGPPLLKFLKGRAVYLVDEVQPVQRCEYGRFYKHQHECSVRRRD
FYFHHINSHSSNWQEIQFFPIGSHPRTERLFVYDVTETWMSFGKQLVPFMLVMKFSGDPKLVALAR
DLAVRLRWRERDPLTFYCITPEKMAVGQQFRLFRDELQTLMARELWVSFMQANPHLQEWALEQHGLQC
PEDLTYEELKKLPHIKGRPRFMELYIVGHNINGFDEIVLAAQVINNRACVPGPFIRTRNFMPRAGKILFN
DVTFALPNPLSKKRTDFELWEHGGDDSDFKYQFLKVMVRDFTALTHTSLRKAQAAYALPVEKGGCCPYKA
VNHFYMLGSYRADDRGFPLREYWKDDEEYALNRELWKKKGEAGYDIIRETLDYCAMDVLVTAELVAKLQD
SYAHFIRDSVRLPHAHFNIQFRPTISSNSHAIFRQIVFRAEQPQRTNLGPAFLAPSHELYDYVRASIRGG
RCYPTYIGILSEPIYVYDICGMYASALTHPMPWGPPLNPCERALAARNWQMALDDASLKIDYFDKELCPG
IFTIDADPPDEHLLDVLPPFCSRKGGRLCWTNEPLRGEVATSVDLVTLHNRGWRVRIVPDERTTVFPEWK
CVAREYVQLNIAAKERADRDKNQTMRSIAKLLSNALYGSFATKLDNKKIVFSDQMDSELLKSIAAGQANI
KSSSFLETDNL SAEVMPALEREYLPQQLALVSDAESEDEHRPAPFYTPPSGTPGHVAYTYKPIITFLDA
EEGDMCLHTVEKVDPLVENDRYPSHVASFLAWTRAFVSEWSEFLYEEDRGTPLQDRPIKSVYGDTSLF
VTERGHRLMETRGGKRIKKNGGKLVDFPKQPEL TWLVECVCAHCGADAFAPESVFLAPKLYALQSLLC
PACGRFSKGKLRAGHAALKALNYQLMVNCYLADAQGEDRARFSTRMSLKRTLASAQPGAHPFTVTETTL
TRTLRPWKDMTLAALDAHRLVPYSRPNRNEEVCWIQMP

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

