

## Product datasheet for **VC101034**

### helicase-primase primase subunit BSLF1 (NC\_009334) Virus Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	helicase-primase primase subunit BSLF1 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	helicase-primase primase subunit BSLF1
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 VC101034 represents NCBI reference of YP\_001129457 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCAGTCCAGTGGTATCAAGGCTCTCGTTGCTTCAAACACAGATATTGCAGAGGCCATCCTCGATG  
CCATCCTGTCCAGACCTGACGAAGGTTTAgATTGTTCTGTCTGTGCCATAATGCCTCCCCTCTGCACCA  
CGTCGCCGGCTCACTGGTGGAGCTGCAGCTGCATCTGCCAAAAAGCGTTGACCTCTCAGAGTCGGTGT  
GGGCTCGTCTCACCTCCATCTGCCAGCGGAGGAGCCCTTCCGTTCTTGCAGGACTTACGCCACTGA  
CTGCCGATAGACTGTCAACCTATCTGGATAGAGCGGGCGCCCTGAGAAGTCTTACACCTCTGTTGAATT  
GCTCACCTCAGCGGAAGAAACAGCCCAGGGCGACGCGGGGGCCGCTAGCCTGGCTCAGACCAAAG  
ATCGTGGGCTGTCTTCGAGAATCTATAGAGTGAATATCAGCGCACGCTGGTTCATCAGCACCTTCGGGA  
GTCAGGAGCACAGTTTGTGCTCGTGCAGCATATTTCTGGGGAATTCATGTACAATAGAGAC  
CCTGGCGCATCTGACTGAGTTGTTTACTTCAGAAAGCGGGCAGAGTCTGGCGGGCTGACCAGTCTGGCA  
GAACTCGGAGAAGTGTTCGGATCCTCTGCTTGGGCCGAGCAAACCTGAGGCCTTCGCCATTTTGGCCATG  
AAAAATTGAGGCGAGACAGCCGCGAAATTCGCGCCGTGGCTAGAACTATAGACGCCTATCGAGGTAGACT  
TCCACTCGCCAGCGCTGACCTGGTGCAGTACGTGTACCTCGCCACGCTCAGTGTTCATGAGGGGACT  
TTTAAGAGGTATTCACAGTTGACCAGTGTCCGGGAGATTGGTGTCTGCCAAGTGGTGGAGTCTGTCTGC  
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ACACGTGAGAGTTCAGCAGCTTAAAATAGAATGGAGCCACCAGCCCCGTACACATGGGATCCTGACCCC  
GACGACGGTCTGATGAGAGCCTGGGCCGCTGTCCGTCGAGTACGCCAGGGAACCTGTGAATGGCCG  
GGTGGCATGCGGACGAAGGGCTACATATCCCCAACGCTTCAGGGCTTTCTCTGTCTGGCTGGCCAGGC  
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TTAATCCACGCCTGCCAGTGTCAATCTGGTCTTGATCTGGATCTCAAGATCAAGGGAGCACCATGGT  
CTCTGGAAGATATATGATCTCTGCCAACTGTGCGCCGGAAGTACTGAGGCTGATGAGAAGGCTTGG  
GCCAGTGAGCAGAGCCATCCCCTATTTCTTCAAAGCGCTTGTCTCCAGCCAGCCAGATAATATG  
GAAGACGTTCTCCATTTTGTATCTGCAGGGCAAATGGGTTTCAGGGTCATCACTCCTCTCCCTCGCG  
GCCACGGATCGTGGGACGAGCGCCGTCCAGGGTTCGTGTCTGTGCTGCAAAAACCTATGGGTCTCAC  
TGCTTGCTTGGAGGATGAGGCATAAGATTAAGGAGATCGGAGCTCCTTTGTTTATTGATTGAGGATAT  
CACGCCGAAGATGCATCAGGCTGCCGCACACCTACAAGTTGATCGGGGCGGGCTTTCAAGGCAGC  
TGCGCCTGTTTGTGTGCCACCCAGAAGAGGAGGACAAACATTCCTATGTTAAGAACGCTCTCAACATACA  
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GATGGACGCGACTATCTTATTCAGAGGACACGCGAGACTGCCTCCACTGTCGAGAATGTCTGCGCGA  
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CCCAATCTGGTACAGGTATGCCATGCGAGAGGCCGAAATTTGCGGTGTCTCCGCCACACGATAGAGCGT  
CTTCAAAGAAGCTTCGGGTGTTTCTGTGCTGTACTATACGTCCCAGGCCATTACGGTTACCTTCATGTC  
TCAATGTTTTGCGGGCCGATGCGGAGCAAACCAGCCACCAGCCTTCTCTATAAGTGTCCAGCGTCC  
AGAATAATCAACAGGGCCGAGGCCAGGATCCACTACCAGCAACTGCCAGGCGCCGGGATAGGC  
AGGACGGCAGTTTCAGTGCAGTCTGCCTAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101034 representing YP\_001129457  
 Red=Cloning sites Green=Tags

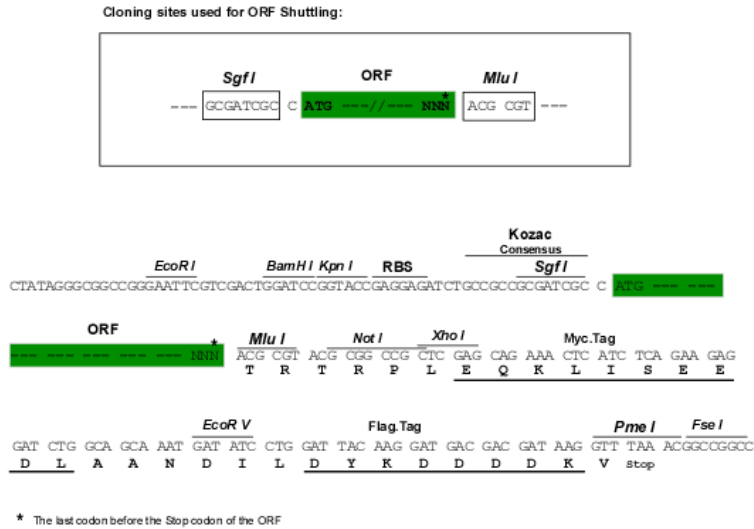
MSAPVVIKALVASNTDIAEAILDAILSRPDEGFRLFCLCHNASPLHHVAGSLVELQLHLPKKRLTSQSRC  
 GLVLT LHLPAEEAF PFLRGL TPL TADRL STYLDRAGAL RSL TPL VELL T LSAKKQPQGDARGRVAWLRPK  
 IVGLRRIRYRNI SARWF ISTFGSHEAQFVLVTAAYYFWGIPCTIETLAHL TELFTSESGQSLAAVTSLA  
 ELGEVFGSSAWAEQTEAF AHFAHEKLRDSREIRAVARTIDAYRGRLPLASADLVRYVYLAHAQCFNEG  
 FKRYSQLTSVGEIGCLPSGGVVLPSLLDRGF AEHMRTYF TRET YLAEHVRVQQLKIRMEPPAPYTWDPDP  
 DDGLMRAWAGLSVDVARELVELARWHADEGPTYPTLQGF LCLAGQATCRGQWNPKEQFLPPTVLRVQR  
 LPVFLCHFADRHVFMVTAADPFSSHLAEVSTPTNCRLPDTCLTRALSYTPVYYSQNSLSEQLFVSRHEY  
 FNPRLPVCNLVLDL DLKIKGAPWSLEEIYDL CRTVRREVLRLMRR LGPVSRAPVYFFKSACPPADPDM  
 EDVLPFCICTGKLGFRVITPLPRGHAIVGTS AVQGFVSVLQKLMGLTACLRRMRHIKEIGAPLFDGSGVY  
 HAGRCIRLPHTYKVD RGGLSRQLR L FVCHPEEEDKHSYVKNALNIQNLLHSHLVGWPAKTF CYHIAD  
 DGRDYL IQR TRETLPPTVENVCAMIEGHLGLDL VAWVSSCIWPSLMSTLATAVPEDKFPQFLHVTFEQTG  
 PNLVQVCHARGRNFA CLRHTRASSKNVRVFLVLYYTSQAITVTFMSQCFAGRCGANQPTAHFSISVPAS  
 RIINRAEASQDSTTSQLARRRDRQDGSFSETLPN

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



<b>ACCN:</b>	NC_009334
<b>ORF Size:</b>	2622 bp
<b>OTI Disclaimer:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NC_009334.1, YP_001129457</a></u>
<b>RefSeq ORF:</b>	2622 bp
<b>Locus ID:</b>	5176218
<b>MW:</b>	98.0 kDa