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Product datasheet for VC101122

BSLF1 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BSLF1 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BSLF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

ORF Nucleotide Sequence:

>The Viral ORF clone VC101122 represents NCBI reference of YP_401662 with codon optimized for human cell expression
Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCTGCCCCCGTAGTAATCAAAGCTCTCGTAGCCAGCAATACTGACATAGCCGAAGCCATCCTGGACG
CCATTCTGTCCAGGCCTGACGAAGGGTTTCGCCTCTTTTGCTTGTGCCATAACGCCAGTCCTCTCCACCA
TGTGGCAGGGTCTCTTGTTGAACTGCAGCTGCATCTGCCAAAGAAAAGGCTGACCTCTCAGTCTCGCTGT
GGGCTGGTGCTGACCCTGCACTTGCCAGCCGAGGAAGCCTTCCCATTCCTCCGCGGACTGACTCCCCTGA
CCGCCGACAGGCTCTCCACATACCTTGATCGGGCAGGAGCACTGAGAAGCCTTACCCCACTTGTGGAACT
GCTGACACTGTCCGCCAAAAAGCAGCCGCAGGGGGATGCCCGCGGAAGAGTGGCTTGGCTTCGCCCGAAG
ATCGTGGGCTGCCTCCGCAGAATTTACCGGGTCAATATAAGTGCACGCTGGTTTATTTCCACTTTTGGCT
CCCATGAGGCTCAGTTCGTTCTGGTGACCGCAGCCTACTACTTCTGGGGTATCCCTTGCACTATCGAGAC
CCTGGCACATCTGACTGAGCTGTTTACTAGTGAGTCCGGTCAGTCCCTCGCAGCTGTTACTTCTCTGGCT
GAATTGGGGGAAGTTTTCGGGTCCAGCGCCTGGGCCGAACAGACCGAAGCATTTGCACACTTCGCTCACG
AGAAATTGCGCAGGGACTCCAGGGAGATCCGCGCCGTGGCTCGCACCATCGACGCCTACAGAGGACGGCT
TCCTCTCGCATCTGCTGATCTGGTCCGGTATGTGTATCTCGCACATGCACAATGCTTTAACGAGGGGACC
TTTAAGCGGTACAGCCAGCTGACTAGTATGGGAGAAATCGGCTGCCTCCCTTCCGGCGGGGTGGTGCTCC
CGTCCCTGCTGGATCGAGGCTTCGCCGAGCACATGCGGACTTATTTTACCCGGGAGACGTACCTGGCAGA
ACACGTTAGAGTGCAACAATTGAAAATCCGAATGGAACCGCCGGCCCCTTACACCTGGGATCCAGACCCT
GATGACGGACTCATGCGGGCCTGGGCCGGGCTGAGCGTGGACGTGGCCCGGGAACTGGTTGAGCTGGCTA
GGTGGCACGCAGACGAGGGACCCACCTATCCCCCAACTCTGCAGGGATTCCTCTGTTTGGCTGGCCAGGC
AACATGTAGGGGGCAGTGGAACCCTAAGGAGCAATTCCTCCCCCCCACTGTCCTGAGAAGAGTTCAGAGG
CTCCCTGTGTTTCTGTGTCACTTTGCCGACCGCCATTACTTCGTGATGACTGCTGCAGATCCCTTTAGCT
CCCACCTGGCTGAAGTCGTCTCAACACCCACGAATTGTAGGCTTCCTGATACTTGCCTGACCCGAGCCCT
GTCATATACTCCCGTGTACTACAGTCAGAATTCACTTTCAGAGCAGCTGTTTGTGTCTCGGCATGAGTAC
TTCAATCCGCGGTTGCCCGTGTGTAATCTGGTGCTGGATCTGGACTTGAAGATAAAGGGGGCACCCTGGA
GCCTCGAGGAAATTTACGACCTGTGTAGGACAGTGCGAAGGGAAGTCTTGCGGCTCATGCGACGCCTGGG
ACCGGTAAGCCGAGCGCACCCTGTCTACTTCTTTAAATCTGCTTGCCCACCAGCTGATCCCGACAACATG
GAAGACGTCCTGCCTTTTTGCATTTGTACCGGCAAGCTGGGATTCAGGGTGATCACCCCCTTGCCGCGAG
GCCACGCAATCGTGGGCACAAGTGCAGTCCAGGGCTTCGTCAGTGTGCTGCAAAAGCTCATGGGCCTGAC
AGCGTGCCTGAGACGAATGCGACACAAAATCAAGGAGATTGGGGCACCTCTCTTCGACAGCGGCGTTTAT
CACGCCGGAAGATGTATACGCCTGCCCCATACGTACAAGGTGGACCGAGGCGGCGGCCTTTCAAGGCAAC
TCAGATTGTTCGTTTGCCATCCCGAAGAGGAGGACAAGCACAGCTATGTGAAAAATGCGTTGAACATACA
GAATCTCTTGCATCACTCTCTGCACGTGGGGTGGCCTGCCCCGAAGACATTCTGTTATCACATCGCGGAC
GATGGAAGAGACTACTTGATCCAGAGGACTCGCGAGACCCTCCCCCCTACTGTGGAAAACGTGTGCGCGA
TGATCGAAGGGCACCTGGGACTGGATTTGGTTGCCTGGGTGTCCAGCTGCATTTGGCCCTCCTTGATGTC
CACTTTGGCTACAGCTGTGCCAGAAGACAAGTTTCCACAGTTCCTGCACGTGACATTCGAGCAAACTGGC
CCTAACCTCGTGCAGGTGTGCCACGCCCGGGGCAGAAACTTCGCTTGCCTGAGACACACCCACCGCGCCA
GCAGCAAAAACGTCAGAGTCTTTCTTGTGCTTTACTATACATCACAAGCAATCACGGTCACATTTATGTC
TCAGTGTTTTGCTGGAAGATGCGGCGCTAATCAGCCCACAGCTCACTTTTCCATTAGCGTACCTGCCTCC
CGGATCATTAACAGGGCGGAGGCGTCTCAGGACAGCACCACGTCTCAGCTGGCACGCAGGAGGGATAGAC
AGGATGGCAGTTTTTCCGAAACACTGCCTAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

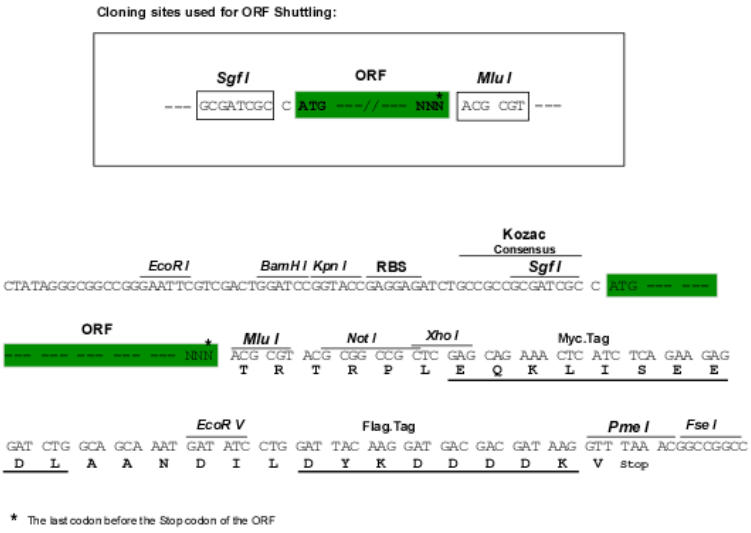
>VC101122 representing YP_401662
Red=Cloning sites Green=Tags

MSAPVVIKALVASNTDIAEAILDAILSRPDEGFRLFCLCHNASPLHHVAGSLVELQLHLPKKRLTSQSRC
GLVLTLHLPAEEAFPFLRGLTPLTADRLSTYLDRAGALRSLTPLVELLTLSAKKQPQGDARGRVAWLRPK
IVGCLRRIYRVNISARWFISTFGSHEAQFVLVTAAYYFWGIPCTIETLAHLTELFTSESGQSLAAVTSLA
ELGEVFGSSAWAEQTEAFAHFAHEKLRRDSREIRAVARTIDAYRGRLPLASADLVRYVYLAHAQCFNEGT
FKRYSQLTSMGEIGCLPSGGVVLPSLLDRGFAEHMRTYFTRETYLAEHVRVQQLKIRMEPPAPYTWDPDP
DDGLMRAWAGLSVDVARELVELARWHADEGPTYPPTLQGFLCLAGQATCRGQWNPKEQFLPPTVLRRVQR
LPVFLCHFADRHYFVMTAADPFSSHLAEVVSTPTNCRLPDTCLTRALSYTPVYYSQNSLSEQLFVSRHEY
FNPRLPVCNLVLDLDLKIKGAPWSLEEIYDLCRTVRREVLRLMRRLGPVSRAHPVYFFKSACPPADPDNM
EDVLPFCICTGKLGFRVITPLPRGHAIVGTSAVQGFVSVLQKLMGLTACLRRMRHKIKEIGAPLFDSGVY
HAGRCIRLPHTYKVDRGGGLSRQLRLFVCHPEEEDKHSYVKNALNIQNLLHHSLHVGWPAPKTFCYHIAD
DGRDYLIQRTRETLPPTVENVCAMIEGHLGLDLVAWVSSCIWPSLMSTLATAVPEDKFPQFLHVTFEQTG
PNLVQVCHARGRNFACLRHTHRASSKNVRVFLVLYYTSQAITVTFMSQCFAGRCGANQPTAHFSISVPAS
RIINRAEASQDSTTSQLARRRDRQDGSFSETLPN

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN:	NC_007605
ORF Size:	2622 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_007605.1, YP_401662
RefSeq ORF:	2622 bp
Locus ID:	3783730
UniProt ID:	P03211
MW:	98.0 kDa