

Product datasheet for **VC101083**

BALF5 (NC_009334) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BALF5 (NC_009334) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BALF5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>The Viral ORF clone VC101083 represents NCBI reference of YP_001129507 with codon optimized for human cell expression Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAGGGGGCCTGTTCTATAACCCCTTTCTGCGGCCAACAAGGGTCTGCTCAAGAAACCCGACAAGG
AATATCTCGGGTTGATTCCCTAAGTGTTCACACCCCGGTGCAGCCGGGTCGTGGACGTCAGGGGGCC
ACAACCGCCCTGTGTTTTACCAGGATTCATTGACCGTGGGCGGAGACGAGGATGGCAAGGGATG
TGGTGGAGGCAGCGCCACAGGAAGGCACAGCGAGACCCGAAGCCGATACCCATGGGTCAACCATCGACT
TCCACGTGTATGATATCCTTGAGACCGTTTATACCCACGAAAAATGTGCGGTGATTCTAGCGACAAACA
AGGCTACGTCGTCATGTGGCATCGTAATTAAGCTCCTCGGTAGACGGAAGCCGACGGCGCTAGCGTT
TGGTAAACGTCTTCGGTCAGCAGGCTTATTTCTACGCCAGCGCCCGCAGGGTCTGGACGTTGAATTCG
CTGTGCTCAGCGCACTCAAGGCCAGTACCTTCGACAGACGCACACCATGTCGGGTGAGCGTTGAGAAGGT
GACAAGGAGAAGTATCATGGGTACGGGAACCATGCCGGGATTACCATAAGATTACCCTCAGCCACCCA
AACAGTGTCTGCCATGTGGCTACCTGGTCCAGGACAAGCAGGCTGCCGCATCTTTGAGGCTAACGTGC
ACGCCACGAGGAGGTTTGTACTCGACAACGATTTTGTCACTTTCGGATGGTATAGCTGCAGGAGAGCTAT
TCCACGGCTCCAACATAGAGATAGCTACGCAGAAGTGAATACGACTGTGAGGTGGCGATCTGAGTGTG
CGGAGAGAAGATTCTCTTGGCCATCCTACCAAGCACTGGCGTTCGATATTGAGTGCCTCGGAGAAGAAG
GTTTTCTACTGCGACGAACGAGGCAGACCTGATCTTGCAGATTCATGCGTGCTGTGGTCAACAGGAGA
AGAGGCCGGGCGGTACAGACGAATCCTCCTGACCTGGGAACCTGCGAAGACATCGAGGGCGTAGAGGTG
TACGAATTTCCAGCGAGCTTGACATGCTCTATGCCTTCTTCAGCTTATTCGCGACCTCTCTGTGGAGA
TCGTGACCGGCTATAATGTTGCCAATTCGACTGGCCCTACATCCTGGACCGGCCGACACATTTACTC
CATTAATCCAGTAGCTGGGAAAATAAGAGCTGGTGGCGTCTGTGAGGTGAGGAGGCCACGACGCT
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AAAAGAGGATGTTCAATTAAGGAGATTCAGACTTTTCGCTGCTGGCCCGAGGGCCGACGGCGCTT
GGGATGTACTGCGTCCAGGATTCGCCCTGGTCATGGATCTGCTTAATCATTTCGTGATTACGTGGAGG



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TGGCCGAATCGCCAAAATTGCTCATATCCCTGCAGGCGAGTGTGGACGATGGGCAGCAGATCCGAGT
 GTTCTCATGCCTGCTGGCCGAGCGCAGAAGGAGAATTTTCATCCTGCCAATGCCAGTGCCAGCGACAGA
 GATGGTTACCAGGGGGCCACAGTGATTACGCCACTGAGCGGATTTTACAATTCCTCCGGTCTGGTAGTCG
 ACTTCGCTAGTCTCTATCCCTCAATCATTACGGCACACAACCTCTGTTATTCAACCATGATCACACCCGG
 CGAGGAACATAGGCTCGCTGGGCTTCGGCCCGGGAGGACTACGAATCTTTCAGACTGACCGGTGGTGA
 TACCATTTGTCAAGAAGCACGTTTCATGAGTCTTCTCGCCTCCTTGTGACTTCATGGCTGGCAAGA
 GAAAGGCGATAAAAAACTCCTCGCGCATGTGAGGATCCCAGGCAGCGGACTATTCTCGACAAGCAGCA
 GTTGGCGATCAAGTGCACCTGTAAACGCCGTATATGGCTTCACTGGCGTGGCTAACGGGCTGTTCCCTGC
 CTCAGCATTGCGGAGACGGTAACCTCCAGGGAAGAACCATGCTGGAACGAGCCAAAGCATTGTGGAGG
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 TCAATTGAGGGTATTTACGGGGATACAGACTCCTTGTATAGAATGTAGGGGATTTTCTGAATCTGAA
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 AAGCTGAAAAAATTTCTCTTGTCTGATGCTGATCACTAAGAACGGTACGTGGGCGTGTGACCGACGG
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 AGAGTTCTGGATTGGTCTCGCAGACGCCAGGTCAGGAGGCTGCCTCCTTGTGTCTCATAGGCCCT
 TCCAGGAGTCATTACACAGGGCCTTCTGTAGGTTTCTGCCAGTGATTGATATCCTCAATCAGGCGTA
 CACAGACTTGCAGGAAAGGAGAGTGCCGATGGGCGAGCTTGTCTTAGCACCGAGCTGAGTAGAAAGCTG
 TCAGCTTATAATCAACACAGATGCCCCATCTGGCCGTGTACCAGAAATTCGTTGAACGGAATGAAGAAC
 TGCCCCAGATTACGACAGAATCCAATATGTTTTCTGTTGAACCAAGGGCGGCGTGAAGGGAGCCAGAAA
 GACAGAGATGGCTGAAGATCCAGCCTATGCAGAACGCCACGGAGTCCCAGTGGCTGTTGATCACTACTTC
 GACAACTGTTGAGGGGGCTGCCAATATCCTGCAATGTCTGTTTCGACAACAACAGCGGCGTGCACCTA
 GCGTGTGCAGAACTTCACTGCCAGGCCCCCTTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGGTTTAA

Protein Sequence:

>VC101083 representing YP_001129507
 Red=Cloning sites Green=Tags

MSGGLFYNPFLRPNKGLLKKPKDKEYLRLIPKCFQTPGAAGVVDVRGPQPPLCFYQDSLTVVGGDEDGKGM
 WWRQRAQEGTARPEADTHGSPLDFHVDILETVYTHEKCAVIPSDKQGYVPCGIVIKLLGRRKADGASV
 CVNVFGQAYFYASAPQGLDVEFAVL SALKASTFDRRTPCRVSVEKVTRRSIMGYGNHAGDYHKITLSHP
 NSVCHVATWLQDKHGCRIFEANVDATRRFVLDNDFVTFGWYSCRRAIPRLQHRDSYAELEYDCEVGDLSV
 RREDSSWPSYQALAFDIECLGEEGFPTATNEADLILQISCVLWSTGEEAGRYRRILLTLGTCEIDIEGVEV
 YEFPELDMLYAFFQLIRDLSVEIVTGYNVANFDWPYILDRARHIYSINPASLGKIRAGGVCEVRRPHDA
 GKGFRLRANTKVRITGLIPIDMYAVCRDKLSLSDYKLDTVARHLLGAKKEDVHYKEIPRLFAAGPEGRRRL
 GMYCVQDSALVMDLLNHFVIHVEVAEIAKIAHIPCRRVLDGQQIRVFSCLLAAAQKENFILPMPASDR
 DGYQGATVIQPLSGFYNSPVLVDFASLYPSIIQAHNLCYSTMITPGEEHRLAGLRPGEDYESFRLTGGV
 YHFVKKHVHESFLASLLTSLWAKRKAIAKLLAACEDPRQRTILDKQQLAIKCTCNVYVGTGVANGLFPC
 LLSIAETVTLQGRMLERAKAFVEALSPANLQALAPSPDAWAPLNPEGQLRVIYGDTSDFIECRGFSESE
 TLRFAEALAAHTTRSLFVAPISLEAEKTFSCMLITKKRYVGVLDGKTLMKGVELVRKTACKFVQTRCR
 RVLDLVLADARVKEAASLLSHRPFQESFTQGLPVGFPLPIDILNQAYTDLREGRVPMGELCFSTELSRKL
 SAYKSTQMPHLAVYQKFVERNEELPQIHRIQYVVEPKGGVKGARKTEMAEDPAYAERHGVPVAVDHYF
 DKLLQGAANILQCLFDNNSGAALSVLQNF TARPPF

TRTRRLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

