

Product datasheet for **VC101173**

BALF4 (NC_007605) Virus Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BALF4 (NC_007605) Virus Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BALF4
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 VC101173 represents NCBI reference of YP_401713 with codon optimized for human cell expression

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

GACGTTGTATACGACTCCTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACACGAAGAAGAGTCTGTAGTGTAGTGTCTCTGGCGGCGCTGGCATGTAGGCTGGGAGCCAGACAGAGCAGCCGACCTCCTGCTACCACAGTGCAGCCTACAGCCACCAGGCAGCAAACCTTCCTTCCC
CTTCAGAGTGTGCGAGCTGTCTCCACGGTGACCTGTTCCGGTTTAGCTCTGATATTCAATGTCCTCCTC
TTCGGCACTAGGGAGAACCACACTGAAGGTTTGTCTGATGGTGTAAAGATAACATCATTCTTATAGTT
TCAAGGTGAGGAGCTACACAAAGATCGTAACCAATATATTGATTTACAATGGCTGGTATGCTGATCCGT
GACTAACCGGCATGAAGAGAAGTTAGTGTGGATTCATACGAGACAGACCAGATGGACCATCTATCAG
TGCTACAAAGCTGTGAAGATGACAAAGGACGGCCTTACAAGGGTGTACGTGGACCGGGACGGAGTAATA
TCACCGTCAATCTTAAACCTACAGGAGGTTGGCTAACGGCGTGGGAGATATGCCTCACAAACCGAGCT
GTACGATGCGCCGGGATGGCTGATCTGGACGTACCGCACCAAGAACCGTGAATGTCTCATCACTGAC
ATGATGGCAAAGAGTAATAGCCATTGACTTCTTCGTCACCACTACAGGCCAGACTGTCGAAATGTCAC
CATTCTACGATGGCAAAAATAAGGAAACATTTTCATGAGCGCGCCGATAGTTTTACGTTCCGGACTAACTA
CAAAATCGTGGATTACGATAATAGGGGCACGAACCCCAAGGAGAGAGACGGGCCCTTCCTCGACAAGGGC
ACGTACACCCTGTCTTGGAAAGCTGGAAAATCGGACCGCTACTGTCCACTTCAGCACTGGCAGACCTTTG
ACTCTACCATAGCTACAGAAACGGGTAAGTCCATCCACTTTGTTACCGATGAGGGAACATCTTCTTTGT
GACGAACACTACCGTCGGCATTGAGCTGCCGACGCCTTAAAGTGTATTGAGGAGCAGGTGAACAAAACA
ATGCATGAGAAGTATGAGGCTGTCCAGGACCGCTATACCAAGGGCCAGGAGGCCATTACATATTTTATAA
CATCCGGAGGCCTGCTGCTCGCATGGCTCCCCCTCACCCCGAGATCCTTGGCTACGGTGAAGAACCCTGAC
AGAATTGACCACTCCAACCTCAAGCCCGCTAGTTCCCGTCTCCCCCGCACCATCCGAGCTCGGGGG
TCAACCCAGCGGCACTACTGAGAAGGAGGCGCGAGATGCTGGAACGCAACAACCCCGTTCCCCCAA
CAGCCCGGGAAAGTCCCTCGGGACCCTTAAACAATCCCGCGACTGTGCAGATCCAGTTTGCATACGATAG
CCTCCGCCGCAAAATAAATAGGATGCTGGGAGACCTGGCACGCGCGTGGTGTCTGGAGCAGAAGAGACAG
AATATGGTGTCCGGAACTTACCAAGATAAATCCAACAACAGTAATGTCCAGCATCTATGGCAAAGCTG
TCGCCGAAAAAGATTGGGAGATGTCATAAGCGTAAGTCAGTGCCTGCCGGTGAACCAAGCTACAGTTAC
TCTCAGAAAAAGTATGCGAGTTCCTGGCTGAAACGATGTGTTATTCAGCCCTTTGGTGAGCTTCAGC
TTCATTAACGATACCAAGACCTACGAGGGCCAGCTGGGCACTGACAACGAGATATTTCTGACCAAAAAGA
TGACCGAGGTGTGCCAAGCTACCTCCAGTACTACTTCCAAGCGGTAACGAAATCCATGTGTATAACGA
CTATCATCACTTTAAAACGATCGAGCTCGACGGTATAGCAACCCTGCAAACGTTTATTAGCCTGAACACC
AGCCTGATCGAAAATATCGATTTTGCCTCCCTCGAACTTATAGCCGAGATGAGCAGAGAGCTTCCAATG
TGTTTGATCTTGAGGGCATCTTTCGGGAGTACAATTTTCAGGCACAGAATATCGCTGGACTTAGGAAAGA
TCTGGATAACGCCGTCTAATGGGAGGAACAGTTTGTGGATGGCTGGGAGAGCTGATGGATTATTG
GGCAGCGTCGGGCAGTCTATTACGAATTTGGTCAGTACAGTAGCGGTTTGTCTCATCCCTCGTTTCAG
GGTTCATCTCATTTTTCAAGAACCCTTCGGGGGAATGCTGATTCTGGTGTCTGCTGGCTGGGTCGTGAT
CTTGGTAATAAGTCTTACTCGCAGAACCAGACAGATGTCCAGCAGCCTGTTGAGATGCTGTATCCTGGC
ATTGATGAATTGGCGCAGCAGCAGCTTCAAGGGAGGGGCTGGTATCAATCCTATTTCAAAGACCGAGC
TGCAAGCAATAATGCTGGCGCTGCACGAACAAAATCAAGAGCAGAAACGGGCTGCCAGAGGGCCCGCG
ACCATCAGTCGCCAGTCGGGCTCTCAAGCAGCCCGAGACAGATTCCCCGACTGCGGAGGAGAAGGTAC
CACGATCCTGAGACTGCTGCCGCTGCTGGGTGAAGCAGAACTGAATTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >VC101173 representing YP_401713
Red=Cloning sites Green=Tags

MTRRRVLSVVVLLAALACRLGAQTPEQPAPPATTVQPTATRQQTSPFPRVCELSSHGDLFRFSSDIQCPS
FGTRENHTEGLLMVFKDNIIPYSFKVRSYTKIVTNILYNGWYADSVNRRHEEKFSVDSYETDQMDTIYQ
CYNVAVKMTKDGLTRVYVDRDGVNITVNLKPTGGLANGVRRYASQTELYDAPGWL IWTYRTRTTVNCLITD
MMAKSNSPFDFVTTTGGQTVEMSPFYDGKNKETFERADSFHVRTNYKIVDYDNRGTNPQGERRAFLDKG
TYTLSWKLENRTAYCPLQHWQTFDSTIATETGKSIHFVTDEGTSSFVTNTTVGIELPDAFKCIEEQVNKT
MHEKYEAVQDRYTKGQEAITYFITSGGLLLAWLPLTPRSLATVKNLTELTTPTSSPSSPSPAPSAARG
STPAAVLRRRRRDAGNATTPVPPTAPGKSLGTLNPNATVQIQFAYDSLRRQINRMLGDLARAWCLEQKRQ
NMVRELTKINPTVMSSYKAVAAKRLGDVIVSVQCPVNQATVTLRKSMPVPGSETMCSRPLVSFS
FINDTKTYEGQLGTDNEIFLTKKMTEVCQATSQYYFQSGNEIHVYNDYHHFKTIELDGIATLQTFISLNT
SLIENIDFASLELYSRDEQRASNVFDLEGI FREYNFQAQNIAGLRKDLDNAVSNRQNFVDGLGELMDSL
GSVQGSITNLVSTVGGFLSSLVSGFISFFKNPFGGMLILVLVAGVVILVISL TRRTRQMSQQPVQMLYPG
IDELAQQHASGEGPGINPISKTELQAIMLALHEQNQEQRAAQRAAGPSVASRALQAARDRFPGLRRRRY
HDPETAALLGEAETEF

TRTRRLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

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_401713](#)

RefSeq ORF: 2571 bp

Locus ID: 3783680

UniProt ID: [P03211](#)

MW: 95.6 kDa