

Product datasheet for **RC234135**

BZW1 (NM_001207068) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BZW1 (NM_001207068) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BZW1
Synonyms:	BZAP45; Nbla10236
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC234135 representing NM_001207068
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTACGGGGCGCCTGGGGCCCCGGCGCAAAGCGCCTCAGTGACTGTGGTCCGCTCGTTGCGGGCGCCG
 CACCGCAGGCGACAGGGGTGCTTTTATGAATAATCAAAAAGCAGCAAAAAGCCAACGCTATCAGGCCAGCG
 TTTTAAACTAGAAAAGAGATGAAAAGAGAGGTTTGACCCTACTCAGTTTCAAGACTGTATTATTCAA
 GGCTTAACTGAAACCGGTAAGTATTTGGAAGCAGTAGCTAAGTTTCTTGATGCTTCTGGAGCAAACTTG
 ATTACCGTCGATATGCAGAAACTCTTTGACATTCTGGTGGCTGGTGAATGCTGGCCCCAGGTGGTAC
 ACTGCCAGATGACATGATGCGTACAGATGTCTGCGTGTTCAGCCCAAGAAGATCTAGAGACCATGCAA
 GCATTTGCTCAGGTTTTTAAACAAGTTAATCAGGCGCTACAATACCTGGAGAAAGTTTTGAAGATGAAG
 TAAAAAGCTGCTGCTGTTCTTGAAGGTTTTTCAGAGTCGGAGAGGAACAAGCTAGCTATGTTGACTGG
 TGTTCTTCTGGCTAATGGAACACTTAATGCATCCATTCTTAATAGCCTTTATAATGAAAATTTGGTTAAA
 GAAGGAGTTTCAGCAGCTTTTGCTGTGAAGCTCTTAAATCATGGATAAATGAAAAAGATATCAATGCAG
 TAGCTGCAAGTCTTCGGAAGTCAGCATGGATAACAGACTGATGGAACCTTTCTCTGCCAATAAGCAAAG
 TGTTGAACACTTCACAAAATATTTTACTGAGGCAGGCTTGAAAGAGCTTTCAGAAATATGTTCCGGAATCAG
 CAAACCATCGGAGCTCGTAAGGAGCTCCAGAAAGAACTCAAGAACAGATGTCCCGTGGTATCCATTTA
 AGGATATAATTTTATATGTCAAGGAGGAGATGAAAAAACAACATCCCAGAGCCAGTTGTCATCGGAAT
 AGTCTGGTCAAGTGAATGAGCACTGTGGAATGGAACAAAAAAGAGGAGCTTGTAGCAGAGCAAGCCATC
 AAGCACTTGAAGCAATACAGCCCTCTACTTGTGCCTTTACTACTCAAGGTCAGTCTGAGCTGACTGTGT
 TACTGAAGATTCAGGAGTATTGCTATGACAACATTCATTTGAAAGCCTTCCAGAAAATAGTGGTGTCT
 TTTTATAAAGCTGAAGTCTGAGCGAGGAGCCCAATTTTGAAGTGGTATAAAGATGCACATGTTGCAAAG
 GGAAGAGTGTTTTCTTGGCAATGAAAAAGTTTGTAGAATGGCTCAAAAATGCTGAAGAAGAATCTG
 AATCTGAAGCTGAAGAAGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234135 representing NM_001207068
 Red=Cloning site Green=Tags(s)

MYGAPGAPASASVTVVRSLRPPPPQATGVSMNNQKQKPTLSGQRFKTRKRDEKERFDPTQFQDCIIQ
 GLTETGTDLEAVAKFLDASGAKLDYRRYAETLFDILVAGGMLAPGGTLADMMRDTVCVFAAQEDLETMQ
 AFAQVFNKLIIRRYKYLEKGFEDVKKLLFLKGFSESERNKLA MLTGVL LANGTLNASILNSLYNENLVK
 EGVSAAFVAVKLFKSWINEKDINAVAASLRKVSMDNRLMELFPANKQSVHF TKYFTEAGLKE LSEVVRNQ
 QTIGARKELQKELQEQMSRGDPFKDIIILYVKEEMKNNIPEPVVIGIVWSSVMSTVEWNKKEELVAEQAI
 KHLKQYSPLLAAF TTQGS E L T L L L K I Q E Y C Y D N I H F M K A F Q K I V V L F Y K A E V L S E E P I L K W Y K D A H V A K
 G K S V F L E Q M K K F V E W L K N A E E E S E S E A E E G D

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001207068

ORF Size: 1353 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001207068.3](#)

RefSeq Size: 1496 bp

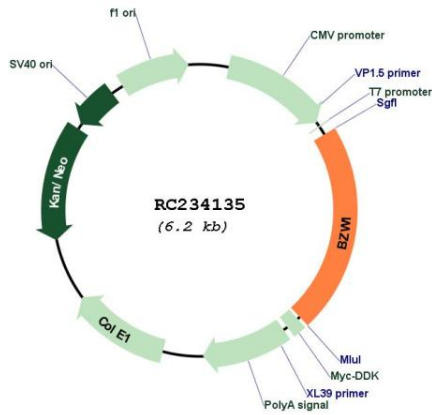
RefSeq ORF: 1356 bp

Locus ID: 9689

UniProt ID: [Q7L1Q6](#)

Cytogenetics: 2q33.1
MW: 51.7 kDa
Gene Summary: Enhances histone H4 gene transcription but does not seem to bind DNA directly.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC234135