

Product datasheet for **RR206565**

Bzw1 (NM_198789) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bzw1 (NM_198789) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bzw1
Synonyms:	MGC73015
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR206565 representing NM_198789 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATAATCAAAGCAGCAAAAACCAACGCTATCAGGCCAGCGTTTTAAAACCAGAAAAAGAGATGAAA
AAGAGAGGTTTGACCCTACTCAGTTTCAAGACTGTATTATTCAAGGCTTAACTGAACTGGTACTGATTT
GGAAGCAGTAGCTAAGTTTCTTGATGCTTCTGGAGCAAACTTGACTACCGCCGCTATGCAGAAACTC
TTTGACATTCTGGTGGCTGGCGGAATGCTGGCCCCAGGTGGTACACTGGCAGATGACATGATGCGCACAG
ATGTCTGTGTGTTTGCAGCACAAGAAGACCTAGAGACCATGCAAGCATTGCTCAGGTTTTTAACAAGTT
AATCAGGCCTACAAATACCTGGAGAAAGGTTTTGAAGATGAAGTTAAAAAGTTACTGCTCTTCTGGAAG
GGATTTTCAGAGTCGGAGAGGAACAAGCTCGCCATGTTGACTGGGGTCCTTCTGGCTAATGGAACCTCA
ATGCATCCATTCTTAACAGCCTTTATAATGAGAATTTGGTTAAAGAAGGGGTTTCAGCAGCTTTTGCTGT
AAAGCTCTTTAAATCATGGATAAATGAGAAAGACATCAATGCAGTTGCTGCAAGTCTTCGGAAAGTCAGC
ATGGACAACAGACTGATGGAGCTGTTCCCTGCCAATAAACAGAGTGTGAGCACTTCACTAAGTATTTCA
CTGAGGCAGGCTTGAAAGAGCTTTCAGAGTATGTCCGCAACCAGCAGACCATTGGGGCTCGGAAGGAGT
CCAGAAGGAGCTTCAGGAGCAGATGTCCCGCGGTGACCCCTTCAAAGACATAATTTTATATGTCAAGGAG
GAGATGAAGAAAAACAACATCCCAGAACCAGTGGTCATTGGGATTGTGTGGTCAAGTGTGATGAGCACCG
TGGAGTGGAAACAAGAAGGAGGAGCTTGTAGCAGAACAAGCCATCAAGCACTTGAAGCAATACAGCCCTCT
ACTTGCTGCCTTCACTACTCAAGGTCAGTCTGAGCTGACTCTGTTACTGAAGATTCAGGAGTATTGCTAT
GACAACATTCACCTCATGAAAGCCTTCCAGAAAATAGTGGTGCTCTTTTATAAAGCTGAGGTCCTGAGTG
AAGAGCCCATTCTGAAGTGGTATAAAGACGCACATGTTGCAAAGGGGAAAAGTGTCTTCTTGAGCAAT
GAAGAAGTTGTAGAATGGCTCAAAAATGCTGAGGAGGAATCTGAGTCGGAAGCTGAAGAAGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR206565 representing NM_198789
 Red=Cloning site Green=Tags(s)

MNNQKQKPTLSGQRFKTRKRDEKERFDPTQFQDCIIQGLTETGTDLEAVAKFLDASGAKLDYRRYAETL
 FDILVAGGMLAPGGTLADMMRTDVCVFAAQEDLETMQAFAQVFNKLIRRYKYLEKGFEDVKKLLLFLK
 GFSESERNKLAML TGVL LANGTLNASILNSLYNENLVKEGVSAFAVKLFKSWINEKDINAVAASLRKVS
 MDNRLMELFPANKQSVEHF TKYF TEAGL KEL SEYVVRNQQTIGARKELQKELQEOMS RGD PFKDII LYVKE
 EMKNNIPEPVVIGIVWSSVMSTVEWNKKEELVAEQAIKHLKQYSPLLAFFTQGGSEL TLLLKIQEYCY
 DNIHFMAFKQKIVVLFYKAEVLSEEPILKWKYKDAHVAKGKSVFLEQMKKFVEWLKNAEEESESEAEED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

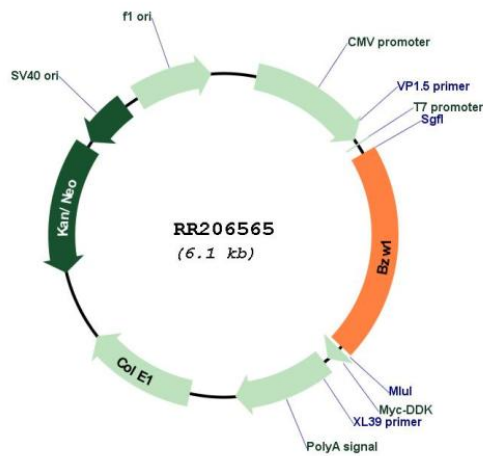
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_198789

ORF Size:	1257 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:	<ol style="list-style-type: none">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_198789.2 , NP_942084.1
RefSeq Size:	1807 bp
RefSeq ORF:	1260 bp
Locus ID:	363232
UniProt ID:	Q6P7P5
Cytogenetics:	9q31
MW:	48 kDa
Gene Summary:	human homolog is involved in transcriptional control at the G1/S phase transition [RGD, Feb 2006]