

Product datasheet for **MG206640**

Bzw1 (NM_025824) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bzw1 (NM_025824) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bzw1
Synonyms:	1200015E15Rik; mKIAA0005
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206640 representing NM_025824 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATAATCAAAGCAGCAAAAACCAACGCTATCAGGCCAGCGTTTTAAAACCAGAAAAAGAGATGAAA
AAGAGAGGTTTGACCCTACTCAGTTTCAAGACTGTATTATTCAAGGCTTAACTGAACTGGTACTGATTT
GGAAGCAGTAGCTAAGTTTCTTGATGCTTCTGGAGCAAACTTGACTACCGCCGCTATGCAGAAACTC
TTTGACATTCTGGTGGCTGGCGGAATGCTGGCCCCGGTGGTACACTGGCAGATGACATGATGCGCACAG
ATGTCTGTGTGTCGCAGCACAAGAAGACCTAGAGACCATGCAAGCATTGCTCAGTTTTTAACAAGCT
AATCAGGCGCTACAAATACCTGGAGAAAGTTTTGAAGATGAAGTTAAAAAGTTACTGCTTTCCTAAAG
GGGTTTTCAGAGTCGGAGAGGAACAAGCTTGCCATGTTGACTGGTGTCTTCTGGCTAATGGAACCTTA
ATGCATCCATTCTAACAGCCTTTATAATGAGAATTTGGTTAAAGAAGGGGTTTCAGCAGCTTTTGTCTG
AAAGCTCTTTAAATCATGGATAAATGAAAAAGACATCAATGCAGTTGCTGCGAGTCTTCGGAAAAGTCAGC
ATGGACAACAGACTGATGGAGCTGTTCCCTGCCAATAACAAAGTGTGAGCATTCACTAAGTATTTCA
CTGAGGCGGGCTTGAAGGAGCTTTCAGAGTATGTCGTAACCAGCAGACCATTGGGGCACGAAGGAGCT
CCAAAAGGAGCTGCAGGAGCAGATGTCCCGTGGGACCCATTCAAGGACATAATTTTATATGTCAAGGAG
GAGATGAAAAAATAACATTCCAGAACCAGTGGTCAATTGGGATAGTCTGGTCCAGTGTGATGAGCACCG
TGGAGTGAACAAAAAAGAGGAGCTTGTAGCAGAGCAAGCCATCAAGCACTTGAAGCAATACAGCCCTCT
CCTTGCTGCCTTCACTACTCAAGGTCAGTCTGAGCTGACCCTGCTACTGAAGATCCAGGAGTATTGCTAT
GACAACATTCACTTCATGAAGGCCTTCCAGAAAATAGTGGTGCTTTTTTATAAAGCTGAGGTCTGAGTG
AAGAGCCATTCTGAAGTGGTATAAAGACGCACATGTTGCAAAGGGCAAAGTGTCTTCTTGAGCAAAT
GAAGAAGTTGTAGAATGGCTCAAAAATGCTGAGGAGGAATCTGAGTCTGAAGCTGAAGAAGGTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206640 representing NM_025824
Red=Cloning site Green=Tags(s)

MNNQKQKPTLSGQRFKTRKRDEKERFDPTQFQDCIIQGLTETGTDLEAVAKFLDASGAKLDYRRYAETL
 FDILVAGMLAPGGTLADMMRTDVCVFAAQEDLETMQAFAQVFNKLIRRYKYLEKGFEDVKKLLLFLK
 GFSESERNKLAML TGVL LANGTLNASILNSLYNENLVKEGVSAFAVCLFKSWINEKDINAVAASLRKVS
 MDNRLMELFPANKQSVHEFTKYFTEAGLKELSEYVRNQQTIGARKELQKELQEQMSRGDPFKDIILYVKE
 EMKNNIPEPVVIGIVWSSVMSTVEWNKKEELVAEQAIKHLKQYSPLLAFFTQGGQSEL TLLKIQEYCY
 DNIHFMAFQKIVVLFYKAEVLSEEPILKWKDAHVAKGKSVFLEQMKKFVEWLKNAEEESEAE EEGD

TRTRPLE - GFP Tag - V

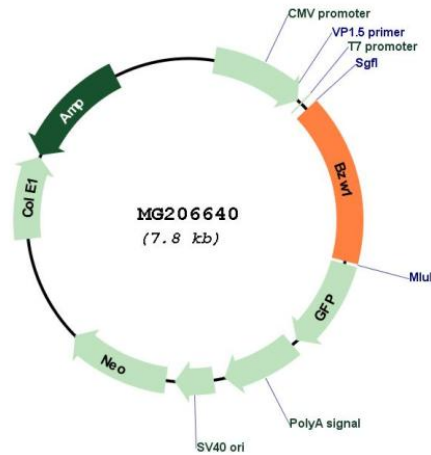
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_025824

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_025824.4
RefSeq Size:	2833 bp
RefSeq ORF:	1260 bp
Locus ID:	66882
UniProt ID:	Q9CQC6
Cytogenetics:	1 C1.3
Gene Summary:	Enhances histone H4 gene transcription but does not seem to bind DNA directly. [UniProtKB/Swiss-Prot Function]