

## Product datasheet for **SC331751**

### **BZW1 (NM\_001207069) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** BZW1 (NM\_001207069) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** BZW1  
**Synonyms:** BZAP45; Nbla10236  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331751 representing NM\_001207069.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGTGTCTTTTATGAATAATCAAAGCAGCAAAAGCCAACGCTATCAGGCCAGCGTTTTAAACTAGA
AAAAGAGATGAAAAGAGAGGTTTGACCCTACTCAGTTTCAAGACTGTATTATTCAAGGCTTAAGTAA
ACCGGTAAGTATTTGGAAGCAGTAGCTAAGTTTCTTGATGCTTCTGGAGCAAACTTGATTACCGTCGA
TATGCAGAAACTCTTTGACATTCTGGTGGCTGGTGAATGCTGGCCCCAGGTGGTACACTGGCAGAT
GACATGATGCGTACAGATGTCTGCGTGTTCAGCCCAAGAAGATCTAGAGACCATGCAAGCATTGCT
CAGGTTTTTAACAAGTTAATCAGGCGCTACAAATACCTGGAGAAAGGTTTTGAAGATGAAGTAAAAAG
CTGCTGCTGTTCTTGAAGGGTTTTTCAGAGTCGGAGAGGAACAAGCTAGCTATGTTGACTGGTGTCTT
CTGGCTAATGGAACACTTAATGCATCCATTCTTAATAGCCTTTATAATGAAAATTTGGTTAAAGAAGGA
GTTTCAGCAGCTTTTGTGTGAAGCTCTTTAAATCATGGATAAATGAAAAGATATCAATGCAGTAGCT
GCAAGTCTTCGGAAAGTCAGCATGGATAACAGACTGATGGAACCTTTTCTGCAATAAGCAAAGTGT
GAACACTTCACAAAATATTTTACTGAGGCAGGCTTGAAGAGCTTTCAGAATATGTTCCGAATCAGCAA
ACCATCGAGCTCGTAAGGAGCTCCAGAAAGAATTCAAGAACAGATGTCCCGTGGTATCCATTTAAG
GATATAATTTTATATGTCAAGGAGGAGATGAAAAAACAACATCCCAGAGCCAGTTGTCATCGGAATA
GTCTGGTCAAGTGAATGAGCACTGTGGAATGGAACAAAAAGAGGAGCTTGTAGCAGAGCAAGCCATC
AAGCACTTGAAGCAATACAGCCCTCTACTTGCTGCCTTTACTACTCAAGGTCAGTCTGAGCTGACTCTG
TACTGAAGATTGAGGATTGCTATGACAACATTCATTTTCAAGGCTTCCAGAAAATAGTGGTG
CTTTTTATAAAGCTGAAGTCTGAGCGAGGAGCCATTTTGAAGTGGTATAAAGATGCACATGTTGCA
AAGGGGAAGAGTGTTCCTTGAGCAAATGAAAAAGTTTGTAGAATGGCTCAAAAATGCTGAAGAAGAA
TCTGAATCTGAAGCTGAAGAAGGTGACTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001207069  
**Insert Size:** 1272 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001207069.1</a></u>
<b>RefSeq Size:</b>	3086 bp
<b>RefSeq ORF:</b>	1272 bp
<b>Locus ID:</b>	9689
<b>UniProt ID:</b>	<u><a href="#">Q7L1Q6</a></u>
<b>Cytogenetics:</b>	2q33.1
<b>MW:</b>	48.5 kDa
<b>Gene Summary:</b>	<p>Enhances histone H4 gene transcription but does not seem to bind DNA directly.            [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate 5' terminal exon, compared to variant 1. It encodes isoform 3, which is longer and has a distinct N-terminus, compared to isoform 1.</p>