

Product datasheet for **SC321595**

BZW2 (NM_014038) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BZW2 (NM_014038) Human Untagged Clone
Tag:	Tag Free
Symbol:	BZW2
Synonyms:	HSPC028; MST017; MSTP017
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_014038.1
 CCGTGTGTCTATGTCAATGTGTCTGTCCCTCACTCCTCCATTGTCTGCCGCCACTGCTGC
 TGCTGCTGCTGCTGCCGCTGCTGCTGCACGAATCGTCGCAGCCCCAGCCTTGCGCGTGC
 TCGCTACCTCCTCGGACAGAAATTTTATGAATAAGCATCAGAAGCCAGTGCTAACAGGCC
 AGCGGTTCAAACTCGGAAAAGGGATGAAAAAGAGAAATTCGAACCCACAGTCTTCAGGG
 ATACACTTGTCCAGGGGCTTAATGAGGCTGGTGATGACCTTGAAGCTGTAGCCAAATTTCC
 TGGACTCTACAGGCTCAAGATTAGATTATCGTCGCTATGCAGACACACTCTTCGATATCC
 TGGTGGCTGGCAGTATGCTTGCCCTGGAGGAACGCGCATAGATGATGGTGACAAGACCA
 AGATGACCAACCACTGTGTGTTTTAGCAAAATGAAGATCATGAAACCATCCGAAACTATG
 CTCAGGCTTTCAATAAACTCATCAGGAGATATAAGTATTTGGAGAAGGCATTTGAAGATG
 AAATGAAAAAGCTTCTCCTCTTCTTAAAGCCTTTTCCGAAACAGAGCAGACAAAGTTGG
 CGATGCTGTCGGGGATTCTGCTGGGCAATGGCACCTGCCCGCCACCATCCTCACCAGTC
 TCTTCACCGACAGCTTAGTCAAAGAAGGCATTGCGGCCTCATTTGCTGTCAAGCTTTTCA
 AAGCATGGATGGCAGAAAAAGATGCCAACTCTGTTACCTCGTCTTTGAGAAAAGCCAACT
 TAGACAAGAGGCTGCTTGAAGCTTTCCAGTTAACAGACAGAGTGTGGATCATTTTGCTA
 AATACTCACTGACGCAGGTCTTAAGGAGCTTTCCGACTTCTCCGAGTCCAGCAGTCCC
 TGGGCACCAGGAAGGAAGTGCAGAAAGGAGCTCCAGGAGCGTCTTTCTCAGGAATGCCCGA
 TCAAGGAGGTGGTCTTTATGTCAAAGAAGAAATGAAGAGGAATGATCTCCAGAAAACAG
 CAGTGATTGGTCTTCTGTGGACATGTATAATGAACGCTGTTGAGTGGAACAAGAAGGAAG
 AACTTGTGTCAGAGCAGGCTCTGAAGCACCTGAAGCAATATGCTCCCCTGCTGGCCGTGT
 TCAGCTCCAAGGCCAGTCAGAGCTGATCCTCCTCCAGAAGGTTCCAGGAATACTGCTACG
 ACAACATCCATTTTCAAGAAAGCTTTTCAAGAAATGTTGGTCTCTTTTATAAAGCTGATG
 TTCTGAGCGAAGAAGCAATACTGAAATGGTATAAGGAAGCACATGTTGCTAAAGGCAAAA
 GTGTTTTTCTTGACCAGATGAAGAAATTTGTTGAGTGGTTACAAAATGCAGAAGAAGAAT
 CCGAATCGGAAGGTGAGGAAAATTAATGGCTCAACAAGCACAATACCTAGGTTACCACA
 CACCACTTTTTGATTGGGAATGCTGAACCATTTGAGAAGAGAACTTGGCTTCTGTTTTT
 GCAAAAGGAAAAAATAAGGATAGGCTTCCCTTGTGCAGAGGGAGAAATGGTTTTGTTT
 TTGTTTTGTTTTTAAATGGAGCCCTGAGGCATCAGCTATTATACTTGGGACTCTACCTCT
 CACTCACTATATGCTAACTTAAAGCCATTCAACAAGGAGTCAAGTAGATCTGAAATTA
 TACTCAACAGACTCCTCCTTTTTAGCTGTATTTTTAGGTAAGTGTGATGTTGACCC
 ACTGGTGTCTATTACAGGCCACTTTGGTAGTTGTGTATCTGCTCATGTATGTGATTTGAC
 AAACCAGTTTTTTAAAATAAATGGCTTTTTAAAATCCAAAAA
 AAAAAA

Restriction Sites: Please inquire

ACCN: NM_014038

OTI Disclaimer: 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_014038.1](#), [NP_054757.1](#)

RefSeq Size: 1869 bp

RefSeq ORF: 1260 bp

Locus ID: 28969

UniProt ID: [Q9Y6E2](#)

Cytogenetics: 7p21.1

Domains: eIF5C

Gene Summary: May be involved in neuronal differentiation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 4 encode the same isoform (1).