

Product datasheet for **SC318711**

BAZ2B (NM_013450) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BAZ2B (NM_013450) Human Untagged Clone
Tag: Tag Free
Symbol: BAZ2B
Synonyms: WALp4
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_013450, the custom clone sequence may differ by one or more nucleotides

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ATGGAGTCTGGAGAACGGTTACCATCCTCAGCAGCCTCCTCTACTACACCAACTCATCT
TCGACACCTTCTGTGGCTTCAGTAGTTTCAAAGGTGGCCTTCCACTGGAGTTGCTTCA
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AACCTGTCCACAGTGTGAGTGCCTTCCCAATGGTCAGCCACCCAGTCTTTGGTCTACAT
TCAGCCAGCTCAGGGCATTGAGAAATTTGGTGGTTGGGGACACTGGTACACCCACAGCC
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 ATTAAGAAGCCTATGGATTTTTCCACAATTAGAGAGAACTAAGTAGTGGACAGTATCCA
 AACCTTGAACCTTTGCTCTAGATGTCAGGCTTGTTTTTGACAACTGTGAAACATTTAAT
 GAAGATGATTCTGATATAGGCAGAGCTGGCCACAATATGAGGAAGTATTTTGAAAAAAG
 TGGACAGATACTTTCAAAGTGAGC

Restriction Sites:

Please inquire

ACCN:

NM_013450

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 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:	<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_013450.2 , NP_038478.2
RefSeq Size:	8145 bp
RefSeq ORF:	6507 bp
Locus ID:	29994
UniProt ID:	Q9UIF8
Cytogenetics:	2q24.2
Domains:	BROMO, MBD, PHD, DDT
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene belongs to the bromodomain gene family. Members of this gene family encode proteins that are integral components of chromatin remodeling complexes. The encoded protein showed strong preference for the activating H3K14Ac mark in a histone peptide screen, suggesting a potential role in transcriptional activation. This gene may be associated with susceptibility to sudden cardiac death (SCD). [provided by RefSeq, Aug 2016]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Sequence Note: The RefSeq transcript was derived from the reference genome assembly. The genomic coordinates were determined from alignments.</p>