

Product datasheet for SC338129

BAZ2B (NM_001289975) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BAZ2B (NM_001289975) Human Untagged Clone
Tag:	Tag Free
Symbol:	BAZ2B
Synonyms:	WALp4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001289975, the custom clone sequence may differ by one or more nucleotides

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ATGGAGTCTGGAGAACGGTTACCATCCTCAGCAGCCTCCTCTACTACACCAACTCATCTTCGACACCTT
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 AGTGGACAGATACTTTCAAAGTGAGCTGA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001289975
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).
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:	<u>NM_001289975.1, NP_001276904.1</u>
RefSeq Size:	8090 bp
RefSeq ORF:	6399 bp
Locus ID:	29994
UniProt ID:	<u>Q9UIF8</u>
Cytogenetics:	2q24.2
Protein Families:	Druggable Genome

Gene Summary:

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]

Transcript Variant: This variant (2) uses an alternate in-frame splice site and lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (b) is shorter than isoform a.

Sequence Note: The RefSeq transcript was derived from the reference genome assembly. The genomic coordinates were determined from alignments.