

Product datasheet for **SC314017**

BS69 (ZMYND11) (NM_006624) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BS69 (ZMYND11) (NM_006624) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZMYND11
Synonyms:	BRAM1; BS69; MRD30
Vector:	<u>pCMV6 series</u>

Fully Sequenced ORF: >NCBI ORF sequence for NM_006624, the custom clone sequence may differ by one or more nucleotides

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ATGTCTCGAGTCCACGGTATGCACCCTAAAGAGACCACCCGTCAGCTGAGCTTAGCTGTG
AAAGATGGTCTTATTGTGCGAACTCTAACAGTGGGCTGCAAAGTTCAAAAGCTGGTATT
GAACAAGAAGGATATTGGTTGCCAGGAGATGAGATTGACTGGGAAACAGAAAATCATGAC
TGGTATTGTTTTGAATGCCATTTGCCTGGAGAGGTGTTGATATGTGACCTGTGTTTTCGT
GTGTATCATTCCAAGTGTGTCTGATGAGTTCAGGCTTAGAGACAGCAGTAGTCCCTGG
CAGTGCCAGTTTGCAGGAGCATTAAAGAAGAATAACAACAACAGGAGATGGGCACA
TACCTCAGATTCTGTCTCCCGCATGAAGGAGAGGGCTATAGATCTTAATAAAAAGGGG
AAGGACAATAAACACCCGATGTACAGGAGGCTGGTGCACCTCAGCTGTGGACGTTCCACC
ATCAAGAGAAAGTGAATGAAGGAAATACCGAAGTTATGAAGAGTTCAAAGCTGATGCC
CAATTGCTTCTCCACAATACCGTGATTTTCTATGGAGCAGACAGTGAGCAAGCTGACATT
GCGAGGATGCTATATAAAGACACATGTCATGAGCTGGATGAACCTGCAGCTTTGCAAGAAT
TGCTTTTACTTGTCAAATGCTCGTCCTGACAACCTGTTTCTGTTATCCTTGATACCTAAT
CATGAGCTGGTTTGGGCTAAAATGAAAGTTTTGGGTTTTGGCCAGCCAAAGTCATGCAG
AAAGAAGACAATCAAGTCGACGTTTCGCTTCTTTGGCCACCACCAGAGGGCCTGGATT
CCTTCTGAAAACATTCAAGATATCACAGTCAACATTCATCGGCTGCACGTGAAGCCGAGT
ATGGGTTGGAAAAGGCCGTGTGATGAGCTGGAGCTGCATCAGCGTTTCTACGAGAAGGG
AGATTTTGGAAATCTAAGAATGAGGACCGAGGTGAGGAAGAGGCAGAATCCAGTATCTCC
TCCACCAGTAATGAGCAGCTAAAGGTCACCTCAAGAACCAAGAGCAAAGAAAGGACGACGT
AATCAAAGTGTGGAGCCCAAAAAGGAAGAACCAGAGCCTGAAACAGAAGCAGTAAGTTCT
AGCCAGGAAAATACCCACGATGCCTCAGCCCATCGAAAAAGTCTCCGTGTCAACTCAGACA
AAGAAGTTAAGTGCTCTTACCAAGAATGCTGCATCGGAGCACCCAGACCACAAACGAC
GGCGTGTGTGAGCAGTGTGCCATGACAAATACCAAGATCTTCAATGACTTCAAAGAC
CGGATGAAGTCGGACCACAAGCGGGAGACAGAGCGTGTGTCCGAGAAGCTCTGGAGAAG
CTGCGTTCTGAAATGGAAGAAGAAAAGAGACAAGCTGTAATAAAGCTGTAGCCAACATG
CAGGGTGAGATGGACAGAAAATGTAAGCAAGTAAAGGAAAAGTGTAAAGGAAGATTTGTA
GAAGAAATCAAGAAGCTGGCAACACAGCACAAGCAACTGATTTCTCAGACCAAGAAGAAG
CAGTGGTGCTACAACGTGAGGAGGAGGCCATGTACCACTGCTGCTGGAACACATCCTAC
TGCTCCATCAAGTGCCAGCAGGAGCACTGGCACGCGGAGCACAAGCGCACCTGCCGCCGG
AAAAGA

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Restriction Sites:	Please inquire
ACCN:	NM_006624
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:	<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_006624.3</u> , <u>NP_006615.1</u>
RefSeq Size:	4204 bp
RefSeq ORF:	1689 bp
Locus ID:	10771
UniProt ID:	<u>Q15326</u>
Cytogenetics:	10p15.3
Domains:	PWWP, BROMO, PHD, zf-MYND
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>The protein encoded by this gene was first identified by its ability to bind the adenovirus E1A protein. The protein localizes to the nucleus. It functions as a transcriptional repressor, and expression of E1A inhibits this repression. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1), as well as variants 10-15, encodes the longest isoform (a).</p>