

Product datasheet for **SC322556**

BS69 (ZMYND11) (NM_212479) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BS69 (ZMYND11) (NM_212479) Human Untagged Clone
Tag:	Tag Free
Symbol:	BS69
Synonyms:	BRAM1; BS69; MRD30
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 SC322556
 CCGGGGCTGAGCTGCGGCGGCGCCTGACAATGCCCCCTCGCGCCCGGCCTCGGCGCCCG
 CTCCCGGCTCCAGCGCGCCTGCACGTACGTAGCCTTACGTGTGTGGATACGGAGTGC
 ATGTGTGGAGACAGAGGAATATGCTCCAACAAATTTCCGGATAGAGGGCCGGAAGACAGGA
 CGTGGGGAAGCTAAAGAAGTAAACAGGTCATGGCACGTTTAAACAAAAGACGACAGGCGG
 ATACAAAAGCTATCCAGCATCTTTGGGCAGCCATTGAGATTATACGGAACCAGAAGCAGA
 TTGCCAACATTGACCGTATTACAAAGTATATGTCTCGAGTCCACGGTATGCACCCTAAAG
 AGACCACCCGTCAGCTGAGCTTAGCTGTGAAAGATGGTCTTATTGTGAAACTCTAACAG
 TGGGCTGCAAAGTTCAAAGCTGGTATTGAACAAGAAGGATATTGGTTGCCAGGAGATG
 AGATTGACTGGGAAACAGAAAATCATGACTGGTATTGTTTTGAATGCCATTTGCCTGGAG
 AGGTGTTGATATGTGACCTGTGTTTTCTGTGTATCATTCCAAGTGTGTTCTGATGAGT
 TCAGGCTTAGAGACAGCAGTAGTCCCTGGCAGTGGCCAGTTTGCAGGAGCATTAGAAGA
 AGAATACAAAACAAACAGGAGATGGGCACATACCTCAGATTCATTGTCTCCCGCATGAAGG
 AGAGGGCTATAGATCTTAATAAAAAGGGGAAGGACAATAAACACCCGATGTACAGGAGGC
 TGGTGCACCTCAGCTGTGGACGTTCCACCATTCAAGAGAAAGTGAATGAAGGGAAATACC
 GAAGTTATGAAGAGTTCAAAGCTGATGCCAATTGCTTCTCCACAATACCGTGATTTTCT
 ATGGAGACAGTGAGCAAGCTGACATTGCGAGGATGCTATATAAAGACACATGTCATGAGC
 TGGATGAACTGCAGCTTTGCAAGAATTGCTTTTACTTGTCAAATGCTCGTCTGCAAACT
 GGTTCGTATTACCTTGTATACCTAATCATGAGCTGGTTTGGGCTAAAAAGAAAGTTTTG
 GGTTTTGGCCAGCCAAAGTCATGCAGAAAGAAGACAATCAAGTCGACGTTTCGTTCTTTG
 GCCACCACCAGAGGGCCTGGATTCTTCTGAAAACATTCAAGATATCACAGTCAACA
 TTCATCGGCTGCACGTGAAGCGCAGTATGGGTTGAAAAAGGCCTGTGATGAGCTGGAGC
 TGCACTCAGCGTTTCTACGAGAAGGGAGATTTTGGAAATCTAAGAATGAGGACCGAGGTG
 AGGAAGAGGCAGAAATCCAGTATCTCCTCCACCAGTAAAGGAGCAGTAAAGGTCACCTCAAG
 AACCAAGAGCAAAGAAAGACGCGTAATCAAAGTGTGGAGCCAAAAAGGAAGAACCAG
 AGCCTGAAACAGAAGCAGTAAGTTCTAGCCAGGAAATACCCACGATGCCTCAGCCCATCG
 AAAAAGTCTCCGTGTCAACTCAGACAAAGAAGTTAAGTGCCTCTTACCAGAAGTGTGTC
 ATCGGAGACCCAGACCACAAACGACGGCGTGTGTGAGAGCATGTCCATGACAAATACA
 CCAAGATCTTCAATGACTTCAAAGACCCGATGAAGTCGGACCACAAGCGGAGACAGAGC
 GTGTTGTCGAGAAGCTCTGGAGAAGCTGCGTTCTGAAATGGAAGAAGAAAAGAGACAAG
 CTGTAATAAAGTGTAGCCAACATGCAGGGTGAAGTGGACAGAAAATGTAAGCAAGTAA
 AGGAAAAGTGAAGGAAGAATTTGTAGAAGAAATCAAGAAGCTGGCAACACAGCACAAAGC
 AACTGATTTCTCAGACCAAGAAGAAGCAGTGGGTAATACCAGTCTTTTTTAGACCCTTA
 TTTCTGAAAATGTACCACAGGTATGATGCCCGTTAATTCAGAAGGTAGCTGTGGCACATG
 CAGAAGATGTTTCTGAAAATAGATCAAATGTGAAATGGTCAGCTTTAGTTTTAAAAATTT
 TATTAAGTCTATGATCTCTCAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_212479

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_212479.1, NP_997644.1</u>
RefSeq Size:	2813 bp
RefSeq ORF:	1587 bp
Locus ID:	10771
UniProt ID:	<u>Q15326</u>
Cytogenetics:	10p15.3
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 (2) has multiple differences in the UTRs and coding region, compared to variant 1, one of which results in a translational frameshift. The resulting isoform (b) is shorter and has a distinct C-terminus compared to isoform</p>