

Product datasheet for **RC232956**

BS69 (ZMYND11) (NM_001202464) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BS69 (ZMYND11) (NM_001202464) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZMYND11
Synonyms:	BRAM1; BS69; MRD30
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC232956 representing NM_001202464
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCACGTTTAAACAAAAGACGACAGGCGGATACAAAAGCTATCCAGCATCTTTGGGCAGCCATTGAGA
 TTATACGGAACCAAGCAGATTGCCAACATTGACCGTATTACAAAGTATATGTCTCGAGTCCACGGTAT
 GCACCCTAAAGAGACCACCGCTAGCTGAGCTTAGCTGTGAAAGATGGTCTTATTGTGAAAACCTAAACA
 GTGGGCTGCAAAGGTTCAAAGCTGGTATTGAACAAGAAGGATATTGGTTGCCAGGAGATGAGATTAGCA
 TTAAGAAGAAGAATACAAAACAAACAGGAGATGGGCACATACCTCAGATTCATTGTCTCCCGCATGAAGGA
 GAGGGCTATAGATCTTAATAAAAAGGGGAAGGACAATAAACACCCCGATGTACAGGAGGCTGGTCACTCA
 GCTGTGGACGTTCCACCATTCAAGAGAAAGTGAATGAAGGAAATACCGAAGTTATGAAGATTCAAAG
 CTGATGCCAATTGCTTCTCCACAATACCGTGATTTTCTATGGAGCAGACAGTGAGCAAGCTGACATTGC
 GAGGATGTATATAAAGACACATGTCATGAGCTGGATGAACTGCAGCTTTGCAAGAATTGCTTTTACTTG
 TCAAATGCTCGTCTGACAACTGGTTCTGTTATCCTTGTATACCTAATCATGAGCTGGTTTGGGGCTAAAA
 TGAAGGTTTTGGTTTTGGCCAGCCAAAGTCATGCAGAAAGAAGACAATCAAGTCGACGTTTCGTTCTT
 TGGCCACCACCAGAGGGCCTGGATTCTTCTGAAAACATTCAAGATATCACAGTCAACATTCATCGG
 CTGCACGTGAAGCGCAGTATGGGTTGGAAAAAGGCCTGTGATGAGCTGGAGCTGCATCAGCGTTTCTAC
 GAGAAGGGAGATTTTGGAAATCTAAGAATGAGGACCGAGGTGAGGAAGAGGCAGAATCCAGTATCTCCTC
 CACCAGTAATGAGCAGCTAAAGTCACTCAAGAACCAAGAGCAAAGAAAGGACGACGTAATCAAAGTGTG
 GAGCCCAAAAAGGAAGAACCAGAGCCTGAAACAGAAGCAGTAAGTTCTAGCCAGGAAATACCCACGATGC
 CTCAGCCATCGAAAAGTCTCCGTGTCAACTCAGACAAAGAAGTTAAGTGCCTTCCACCAAGAATGCT
 GCATCGGAGCACCCAGACCACAAAACGACGCGTGTGTGAGCATGTGCCATGACAAATACACCAAGATC
 TTCAATGACTTCAAAGACCGGATGAAGTCGACCACAAGCGGGAGACAGAGCGTGTGTCCGAGAAGCTC
 TGGAGAAGCTGCGTTCTGAAATGGAAGAAGAAAAGAGACAAGCTGTAATAAAGCTGTAGCCAACATGCA
 GGGTGAGATGGACAGAAAATGTAAGCAAGTAAAGGAAAAGTGAAGGAAGAATTTGTAGAAGAAATCAAG
 AAGCTGGCAACACAGCACAAGCAACTGATTTCTCAGACCAAGAAGAAGCAGTGGTGTACAACGTGAGG
 AGGAGGCCATGTACCACTGCTGCTGGAACACATCCTACTGCTCCATCAAGTGCCAGCAGGAGCACTGGCA
 CGCGGAGCACAAAGCGCACCTGCCGCCGAAAAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC232956 representing NM_001202464
 Red=Cloning site Green=Tags(s)

MARLTKRRQADTKAIQHLWAAIEIIRNQKQIANIDRITKYMSRVHGMHPKETTRQLSLAVKDGLIVETLT
 VGCKGSKAGIEQEGYWLPGEISIKKKNTNKQEMGYLRFIVSRMKERAIDLNKKGKDNKHPMYRRLVHS
 AVDVPTIQEKVNEGKYRSYEEFKADAQLLLHNTVIFYGADSEQADIARMLYKDTCHELDELQCKNCFYL
 SNARPDNWF CYP CIPNHEL VWAKMKGF GFWPAKVMQKEDNQVDVRF FGHHRQAWIP SENIQDITVNIHR
 LHVKRSMGWKKACDELELHQRFLREGRFWKSKNEDRGE EEAESSISSTSNEQLKVTQEPRAKKGRNQSV
 EPKKEPEPETEAVSSSQEIPTMPQPIEKVSVSTQTKKLSASSPRMLHRSTQTTNDGVCQSMCHDKYTKI
 FNDFKDRMKS DHKRETERVVREALEKLRSEMEEEKRQAVNKAVANMQGEMDRKCKQVKEKCKEKFVEEIK
 KLATQHKQLISQTKKKQWCYNCEEEAMYHCCWNTSYCSIKCQEQEHWAHEHKRTCRKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

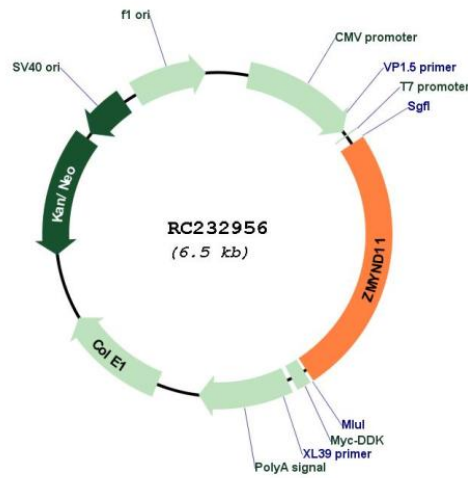
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_001202464
ORF Size:	1644 bp
OTI Disclaimer:	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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001202464.3
RefSeq Size:	3928 bp
RefSeq ORF:	1647 bp
Locus ID:	10771
UniProt ID:	Q15326
Cytogenetics:	10p15.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	64.9 kDa
Gene Summary:	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]