

Product datasheet for **RC220298**

BS69 (ZMYND11) (NM_006624) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BS69 (ZMYND11) (NM_006624) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BS69
Synonyms:	BRAM1; BS69; MRD30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC220298 representing NM_006624
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCACGTTTAAACAAAAGACGACAGGCGGATACAAAAGCTATCCAGCATCTTTGGGCAGCCATTGAGA
 TTATACGGAACCAAGCAGATTGCCAATTGACCGTATTACAAAGTATATGTCTCGAGTCCACGGTAT
 GCACCCTAAAGAGACCACCGCTAGCTGAGCTTAGCTGTGAAAGATGGTCTTATTGTGAAACTCTAACA
 GTGGGCTGCAAGGTTCAAAAGCTGGTATTGAACAAGAAGGATATTGGTTGCCAGGAGATGAGATTGACT
 GGGAAACAGAAAATCATGACTGGTATTGTTTGAATGCCATTTGCCTGGAGAGGTGTGATATGTACCT
 GTGTTTTCTGTGTATCATTCCAAGTGTGTCTGATGAGTTCAGGCTTAGAGACAGCAGTAGTCCCTGG
 CAGTGGCCAGTTTGCAGGAGCATTAGAAGAAGAATAACAAACAGGAGATGGGCACATACCTCAGAT
 TCATTGTCTCCGCATGAAGGAGAGGGCTATAGATCTTAATAAAAAGGGGAAGACAATAAACCCCGAT
 GTACAGGAGGCTGGTGCCTCAGCTGTGGACGTTCCACCATTCAAGAGAAAGTGAATGAAGGGAATAC
 CGAAGTTATGAAGAGTTCAAAGCTGATGCCAATTGCTTCTCCACAATACCGTGATTTTCTATGGAGCAG
 ACAGTGAGCAAGCTGACATTGCGAGGATGCTATATAAAGACACATGTCATGAGCTGGATGAAGTGCAGCT
 TTGCAAGAATTGCTTTTACTTGTCAATGCTCGTCTGACAAGTGGTCTGTATCCTTGTATACCTAAT
 CATGAGCTGGTTTGGGCTAAAATGAAAGTTTGGGTTTTGGCCAGCCAAAGTCATGCAGAAAGAAGACA
 ATCAAGTCGACGTTTCGTTCTTTGGCCACCACCAGAGGGCTGGATTCTTCTGAAAACATTCAAGA
 TATCAGCTCAACATTCATCGGCTGCAGTGAAGCGCAGTATGGGTTGAAAAAGGCTGTGATGAGCTG
 GAGCTGCATCAGCGTTTCTACGAGAAGGAGATTTTGGAAATCTAAGAATGAGGACCGAGGTGAGGAAG
 AGGCAGAAATCCAGTATCTCTCCACAGTAATGAGCAGCTAAAGTCACTCAAGAACCAAGAGCAAGAA
 AGGACGAGTAATCAAGTGTGGAGCCCAAAAAGGAAGAACCAGAGCCTGAAACAGAAGCAGTAAGTTCT
 AGCCAGGAAATACCCACGATGCCTCAGCCCATCGAAAAAGTCTCCGTGTCAACTCAGACAAAAGTTAA
 GTGCCTCTTACCAAGAATGCTGCATCGGAGCACCAGACCACAAACGACGGCGTGTGTGAGAGCATGTG
 CCATGACAAATACACCAAGATCTTCAATGACTTCAAAGACCGGATGAAGTCGACCACAAGCGGGAGACA
 GAGCGTGTGTCCGAGAAGCTCTGGAGAAGCTGCGTTCTGAAATGGAAGAAGAAAAGAGACAAGCTGTA
 AATAAGCTGTAGCAACATGCAGGTGAGATGGACAGAAAATGTAAGCAAGTAAAGGAAAAGTGTAAAGGA
 AGAATTTGTAGAAGAAATCAAGAAGCTGGCAACACAGCACAAGCAACTGATTTCTCAGACCAAGAAGAAG
 CAGTGGTGTACAACGTGAGGAGGAGGCCATGTACCACTGCTGTGGAACACATCTACTGCTCCATCA
 AGTGCCAGCAGGAGCACTGGCACGCGGAGCACAAGCGCACCTGCCGCGGAAAAGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220298 representing NM_006624
 Red=Cloning site Green=Tags(s)

MARLTKRRQADTKAIQHLWAAIEIIRNQKQIANIDRITKYMSRVHGMHPKETTRQLSLAVKDGLIVETLT
 VGCKGSKAGIEQEGYWLPGEIDWETENHDWYCFEHLPGEVLCIDLFRVYHSKCLSDFRRLRDS SSPW
 QCPVCRSIIKKNTNKQEMGYLRFIVSRMKERAIDLNKKGKDNKHPMYRRLVHSAVDVPTIQEKVNEGKY
 RSYEEFKADAQLLLHNTVIFYGADSEQADIARMLYKDTCHELDELQLCKNCFYLSNARPDNWFYCPCIPN
 HELVWAKMKGFWPAPKVMQKEDNQVDVRFEGHHQRAWIPSENIQDITVNIHRLHVKRSMGWKACDEL
 ELHQRFLREGRFWSKNEDRGEESAESSISSTSNELKVTQEPRAKKGRRNQSVPEPKKEPEPETEAVSS
 SQEIPTMPQPIEKVSYSTQTKLSASSPRMLHRSTQTTNDGVCQSMCHDKYTKIFNDFKDRMKSDHKRET
 ERVYREALEKLRSEMEEEKRQAVNKAVANMQGEMDRKCKQVKEKCKEEFVEEIKKLATQHKQLISQTKKK
 QWCYNCEEEAMYHCCWNTSYCSIKCQEQHWHAEHKRTCRRKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_006624

ORF Size: 1806 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_006624.7](#)

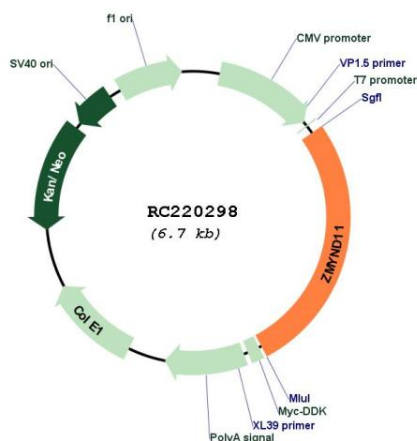
RefSeq Size: 4336 bp

RefSeq ORF: 1809 bp

Locus ID: 10771

UniProt ID:	<u>Q15326</u>
Cytogenetics:	10p15.3
Domains:	PWWP, BROMO, PHD, zf-MYND
Protein Families:	Druggable Genome, Transcription Factors
MW:	71 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]

Product images:



Circular map for RC220298