

Product datasheet for **RC232977**

BS69 (ZMYND11) (NM_001202468) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BS69 (ZMYND11) (NM_001202468) 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:

>RC232977 representing NM_001202468
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCACGTTTAAACAAAAGACGACAGGCGGATACAAAAGCTATCCAGCATCTTTGGGCAGCCATTGAGA
 TTATACGGAACCAAGCAGATTGCCAACATTGACCGTATTACAAAGTATATGTCTCGAGTCCACGGTAT
 GCACCCTAAAGAGACCACCCGTAGCTGAGCTTAGCTGTGAAAGATGGTCTTATTGTGAAAACCTAAACA
 GTGGGCTGCAAAGGTTCAAAGCTGGTATTGAACAAGAAGGATATTGGTTGCCAGGAGATGAGATTGACT
 GGGAAACAGAAAATCATGACTGGTATTGTTTTGAATGCCATTTGCCTGGAGAGGTGTGATATGTGACCT
 GTGTTTTCTGTGTATCATTCCAAGTGTCTGTGATGAGTTCAGGCTTAGAGACAGCAGTAGTCCCTGG
 CAGTGCCAGTTGCAGGAGCATTAGAAGAAGAATAACAACAACAGGAGATGGGCACATACCTCAGAT
 TCATTGTCTCCCGCATGAAGGAGAGGGCTATAGATCTTAATAAAAAGGGGAAGACAATAAACCCCGAT
 GTACAGGAGGCTGGTGCCTCAGCTGTGGACGTTCCACCATTCAAGAGAAAGTGAATGAAGGGAAATAC
 CGAAGTTATGAAGAGTTCAAAGCTGATGCCAATTGCTTCTCCACAATACCGTGATTTTCTATGGAGCAG
 ACAGTGAGCAAGCTGACATTGCGAGGATGCTATATAAAGACACATGTCATGAGCTGGATGAACTGCAGCT
 TTGCAAGAATTGCTTTTACTTGTCAAATGCTCGTCTGACAACCTGGTTCTGTTATCCTTGTATACCTAAT
 CATGAGCTGGTTTGGGCTAAAATGAAAGTTTTGGGTTTTGGCCAGCCAAAGTCATGCAGAAAGAAGACA
 ATCAAGTCGACGTTTCGTTCTTTGGCCACCACCAGAGGGCCTGGATTCCTTCTGAAAACATTCAAGA
 TATCACAGTCAACATTCATCGGCTGCACGTGAAGCGCAGTATGGGTTGGAAAAAGGCTGTGATGAGCTG
 GAGTGCATCAGCGTTTCTACGAGAAGGAGATTTTGGAAATCTAAGAATGAGGACCGAGGTGAGGAAG
 AGGCAGAAATCCAGTATCTCTCCACCAGTAATGAGCAGCTAAAGGTCACCTCAAGAACCAAGAGCAAAGAA
 AGGACGCGTAATCAAAGTGTGGAGCCCAAAAAGGAAGAACCAGAGCCTGAAACAGAAGCAGTAAGTTCT
 AGCCAGGAAATACCCACGATGCCTCAGCCCATCGAAAAAGTCTCCGTGTCAACTCAGACAAAAGAAGTTAA
 GTGCCTCTTACCAAGAATGCTGCATCGGAGCACCAGACCACAAACGACGGCGTGTGTCAGAGCATGTG
 CCATGACAAATACACCAAGATCTTCAATGACTTCAAAGACCGGATGAAGTCGGACCACAAGCGGGAGACA
 GAGCGTGTGTCGAGAAGCTCTGGAGAAGCTGCGTTCTGAAATGGAAGAAGAAAAGAGACAAGCTGTAA
 AATAAGCTGTAGCCAACATGCAGGGTGAAGTGGACAGAAAATGTAAGCAAGTAAAGGAAAAGTGTAAAGGA
 AGAATTTGTAGAAGAAATCAAGAAGCTGGCAACACAGCACAAGCAACTGATTTCTCAGACCAAGAAGAAG
 CAGTGGGTAATACCAGTCTTTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC232977 representing NM_001202468
 Red=Cloning site Green=Tags(s)

MARLTKRRQADTKAIQHLWAAIEIIRNQKQIANIDRITKYSRVHGMHPKETTRQLSLAVKDGLIVETLT
 VGCKGSKAGIEQEGYWLPGEIDWETENHDWYCFECHLPGEVLICDLCFRVYHCLKLSDEFRLRDS SSPW
 QCPVCRSIIKKNTNKQEMGTYLRFIVSRMKERAIDLNKKGKDNKHPMYRRLVHSAVDVPTIQEKVNEGKY
 RSYEEFKADAQLLLHNTVIFYGADSEQADIARMLYKDTCHELDELQLCKNCFYLSNARPDNWFYCYPIN
 HELVWAKMKGFWPQAKVMQKEDNQVDVRFVFGHHQRAWIPSENIQDITVNIHRLHVKRSMGWKACDEL
 ELHQRFLREGRFWVSKNEDRGEESISSTSNELKVTQEPRAKKGRRNQSVPEPKKEPEPEAVSS
 SQEIPMPQPIEKVSVSTQTKLSASSPRMLHRSTQTTNDGVCQSMCHDKYTKIFNDFKDRMKS DHKRET
 ERVVREALEKLRSEMEEEKRQAVNKAVANMQGEMDRKCKQVKEKCKEEFVEEIKKLATQHKQLISQTKKK
 QWVNTSLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

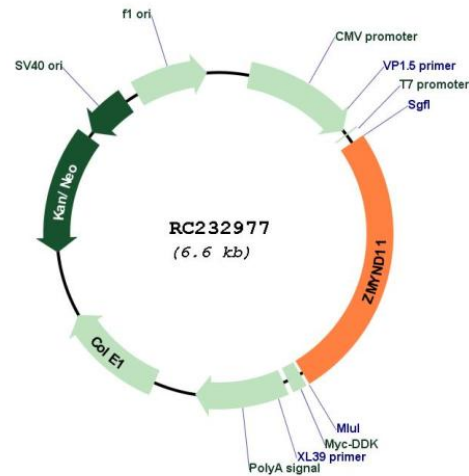
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001202468
 ORF Size: 1704 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_001202468.1 , NP_001189397.1
RefSeq Size:	2407 bp
RefSeq ORF:	1707 bp
Locus ID:	10771
UniProt ID:	Q15326
Cytogenetics:	10p15.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	67 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]