

## Product datasheet for **RG232977**

### **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:                      | TurboGFP   |
| Symbol:                   | ZMYND11  |
| Synonyms:                 | BRAM1; BS69; MRD30                                   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-AC-GFP (PS100010)                              |
| E. coli Selection:        | Ampicillin (100 ug/mL)                               |



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**ORF Nucleotide Sequence:**

>RG232977 representing NM\_001202468  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACGTTTAAACAAAAGACGACAGGCGGATACAAAAGCTATCCAGCATCTTTGGCAGCCATTGAGA  
 TTATACGGAACCGAAGCAGATTGCCAACATTGACCGTATTACAAAGTATATGTCTCGAGTCCACGGTAT  
 GCACCCTAAAGAGACCACCCGTCAGCTGAGCTTAGCTGTGAAAGATGGTCTTATTGTGAAAACCTCTAACA  
 GTGGGCTGCAAAGGTTCAAAGCTGGTATTGAACAAGAAGGATATTGGTTGCCAGGAGATGAGATTGACT  
 GGGAAACAGAAAATCATGACTGGTATTGTTTTGAATGCCATTTGCCTGGAGAGGTGTGATATGTGACCT  
 GTGTTTTCTGTGTATCATTCCAAGTGTCTGTCTGATGAGTTCAGGCTTAGAGACAGCAGTAGTCCCTGG  
 CAGTGCCAGTTTGCAGGAGCATTAGAAGAAGAATAACAACAACAGGAGATGGGCACATACCTCAGAT  
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 GTACAGGAGGCTGGTGCCTCAGCTGTGGACGTTCCACCATTCAAGAGAAAGTGAATGAAGGGAAATAC  
 CGAAGTTATGAAGAGTTCAAAGCTGATGCCAATTGCTTCTCCACAATACCGTGATTTTCTATGGAGCAG  
 ACAGTGAGCAAGCTGACATTGCGAGGATGCTATATAAAGACACATGTCATGAGCTGGATGAACTGCAGCT  
 TTGCAAGAATTGCTTTTACTTGTCAAATGCTCGTCTGACAACCTGGTTCTGTTATCCTTGTATACCTAAT  
 CATGAGCTGGTTTGGGCTAAAATGAAAGTTTTGGGTTTTGGCCAGCCAAAGTATGCAGAAAGAAGACA  
 ATCAAGTCGACGTTTCGCTTCTTTGGCCACCACCAGAGGGCCTGGATTCTTCTGAAAACATTCAAGA  
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 CCATGACAAATACACCAAGATCTTCAATGACTTCAAAGACCGGATGAAGTCGGACCACAAGCGGGAGACA  
 GAGCGTGTGTCGAGAAGCTCTGGAGAAGCTGCGTTCTGAAATGGAAGAAGAAAAGAGACAAGCTGTA  
 AATAAGCTGTAGCCAACATGCAGGGTGAAGTGGACAGAAAATGTAAGCAAGTAAAGGAAAAGTGAAGGA  
 AGAATTTGTAGAAGAAATCAAGAAGCTGGCAACACAGCACAAGCAACTGATTTCTCAGACCAAGAAGAAG  
 CAGTGGGTAATACCAGCTTTTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG232977 representing NM\_001202468  
 Red=Cloning site Green=Tags(s)

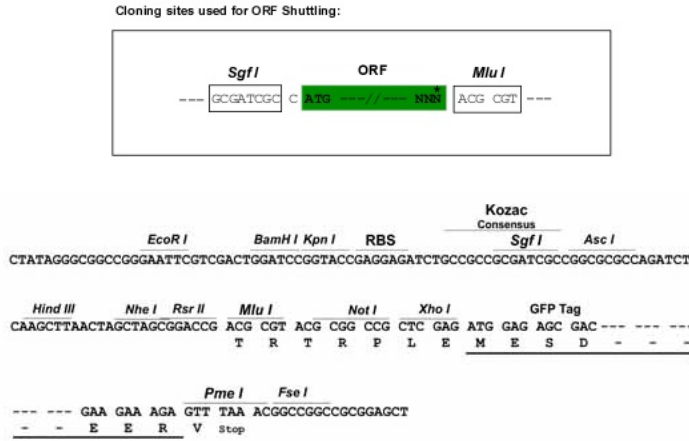
MARLTKRRQADTKAIQHLWAAIEIIRNQKQIANIDRITKYMSRVHGMHPKETTRQLSLAVKDGLIVETLT  
 VGCKGSKAGIEQEGYWLPGDEIDWETENHDWYCFEHLPGEVLCIDLFRVYHSKCLSDERLRDSSSPW  
 QCPVCRSIIKKNTNKQEMGYLRFIVSRMKERAIDLNKKGKDNKHPMYRRLVHSAVDVPTIQEKVNEGKY  
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 SQEIPTMPQPIEKVSVSTQTKKLSASSPRLHRSTQTTNDGVCQSMCHDKYTKIFNDFKDRMKSDHKRET  
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 QWNTSLF

**TRTRPLE** - GFP Tag - V

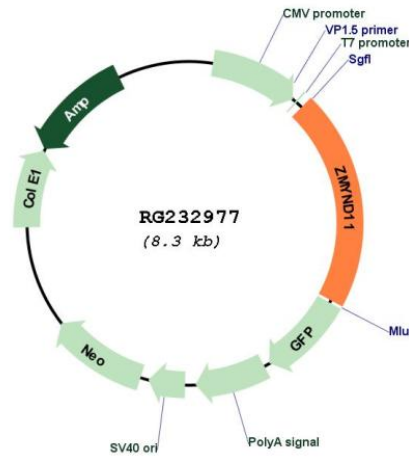
**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001202468

ORF Size: 1704 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_001202468.1</a> , <a href="#">NP_001189397.1</a>   |
| <b>RefSeq Size:</b>           | 2407 bp   |
| <b>RefSeq ORF:</b>            | 1707 bp   |
| <b>Locus ID:</b>              | 10771   |
| <b>UniProt ID:</b>            | <a href="#">Q15326</a>  |
| <b>Cytogenetics:</b>          | 10p15.3   |
| <b>Protein Families:</b>      | Druggable Genome, Transcription Factors   |
| <b>Gene Summary:</b>          | 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]  |