

Product datasheet for **RG206521**

BS69 (ZMYND11) (NM_212479) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	BS69
Synonyms:	BRAM1; BS69; MRD30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG206521 representing NM_212479
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCTCGAGTCCACGGTATGCACCCTAAAGAGACCACCCGTCAGCTGAGCTTAGCTGTGAAAGATGGTC
 TTATTGTCGAACTCTAACAGTGGGCTGCAAAGGTTCAAAGCTGGTATTGAACAAGAAGGATATTGGTT
 GCCAGGAGATGAGATTGACTGGGAAACAGAAAATCATGACTGGTATTGTTTTGAATGCCATTTGCCTGGA
 GAGGTGTTGATATGTGACCTGTGTTTTCTGTGTATCATTCCAAGTGTTTGTCTGATGAGTTCAGGCTTA
 GAGACAGCAGTAGTCCCTGGCAGTGCCAGTTTGCAGGAGCATTAGAAGAAGAATACAAACAAACAGGA
 GATGGGCACATACCTCAGATTCAATTGTCTCCCGCATGAAGGAGAGGGCTATAGATCTTAATAAAAAGGGG
 AAGGACAATAAACACCCGATGTACAGGAGGCTGGTGCCTCAGCTGTGGACGTTCCACCATTCAAGAGA
 AAGTGAATGAAGGAAATACCGAAGTTATGAAGAGTTCAAAGCTGATGCCAATTGCTTCTCCACAATAC
 CGTGATTTTCTATGGAGACAGTGAGCAAGCTGACATTGCGAGGATGCTATATAAAGACACATGTCATGAG
 CTGGATGAACCTGCAGCTTTCGCAAGAATTGCTTTTACTTGTCAAATGCTCGTCTGACAACTGGTTCTGTT
 ATCCTTGTATACCTAATCATGAGCTGGTTTGGGCTAAAATGAAAGGTTTTGGGTTTTGGCCAGCCAAAGT
 CATGCAGAAAGAAGACAATCAAGTCGACGTTTCGCTTCTTGGCCACCACCAGAGGGCCTGGATTCTCT
 TCTGAAACATTCAAGATATCAGTCAACATTCATCGGCTGCACGTGAAGCGCAGTATGGGTTGGAAAA
 AGGCCTGTGATGAGCTGGAGCTGCATCAGCGTTTCTACGAGAAGGGAGATTTTGGAAATCTAAGAATGA
 GGACCGAGGTGAGGAAGAGGCAGAATCCAGTATCTCCTCCACCAGTAATGAGCAGCTAAAGGTCACTCAA
 GAACCAAGAGCAAGAAAGGACGACGTAATCAAAGTGTGGAGCCAAAAAGGAAGAACCAGAGCCTGAAA
 CAGAAGCAGTAAGTTCTAGCCAGGAAATACCCACGATGCCTCAGCCATCGAAAAAGTCTCCGTGTCAAC
 TCAGACAAAGAAGTTAAGTGCCTCTTACCAAGAATGCTGCATCGGAGCACCCAGACCACAAACGACGGC
 GTGTGTGAGCAGTGTGCCATGACAAATACACCAAGATCTTCAATGACTTCAAAGACCGGATGAAGTCGG
 ACCACAAGCGGGAGACAGAGCGTGTGTCCGAGAAGCTCTGGAGAAGCTGCGTTCTGAAATGGAAGAAGA
 AAAGAGACAAGCTGTAATAAAGCTGTAGCCAACATGCAGGGTGAAGTGGACAGAAAAATGTAAGCAAGTA
 AAGGAAAAAGTGAAGGAAGAATTTGTAGAAGAAATCAAGAAGCTGGCAACACAGCACAAAGCAACTGATT
 CTCAGACCAAGAAGAAGCAGTGGGTAATACAGTCTTTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG206521 representing NM_212479
 Red=Cloning site Green=Tags(s)

MSRVHGMHPKETTRQLSLAVKDGLIVETLTVGCKGSKAGIEQEGYWLPGDEIDWETENHWDWYCFEHLPG
 EVLICDLFRVYHKSCLSDEFRLRDSSSPWQCPVCRSIIKKNTNKQEMGTYLRFIVSRMKERAIDLNNKG
 KDNKHPMYRRLVHSAVDVPTIQEKVNEGKYRSYEEFKADAQLLLHNTVIFYGDSEQADIARMLYKDTCHE
 LDELQLCKNCFYLSNARPDNWFYCPCIPNHELWAKMKGFGWPAKVMQKEDNQVDVRFHGHHRRAWIP
 SENIQDITVNIHRLHVKRSMGWKKACDELELHQRFLREGRFWKSKNEDRGEAAESSISSTSNEQLKVTQ
 EPRAKKGRRNQSVPEPKKEPEPETEAIVSSSQEIPMPQPIEKVSVSTQTKKLSASSPRMLHRSTQTNDG
 VCQSMCHDKYTKIFNDFKDRMKS DHKRETERVREALEKLRSEMEEEKRQAVNKAVANMQGEMDRCKQV
 KEKCKEEFVEEIKKLATQHKQLISQTKKKQWVNTSLF

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_212479

ORF Size: 1581 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.

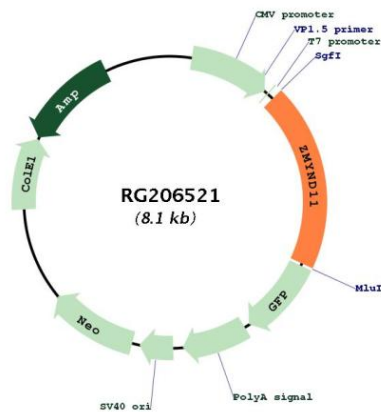
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_212479.1](#), [NP_997644.1](#)

RefSeq Size: 2129 bp

RefSeq ORF:	1704 bp
Locus ID:	10771
UniProt ID:	Q15326
Cytogenetics:	10p15.3
Protein Families:	Druggable Genome, Transcription Factors
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 RG206521