

Product datasheet for **RG231322**

Myoneurin (MYNN) (NM_001185119) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myoneurin (MYNN) (NM_001185119) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MYNN
Synonyms:	OSZF; SBBIZ1; ZBTB31; ZNF902
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG231322 representing NM_001185119
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGTATTCGCACCACTGTGAGCACCTTTAGAGAGACTGAACAACAGCGGGAAGCAGGTTTTCTCT
 GTGACTGTACCATAGTGATTGGGAATTCAGTTTAAAGCTCATAGGAATGTGCTGGCCTCTTTAGTGA
 GTATTTGGTGGATCTACAGAAGCACTTCTGAGAACAATGTCTTTCTTGATCAGAGTCAGGTGAAGCT
 GATGGATTTAGAAAAGTGTGGAGTTTATATACACAGGAAGTAAATCTTGACAGTTGGAATGTTAAAG
 AAATTCATCAGGCTGCTGACTATCTCAAAGTGGAGAGGTGGTCACTAAATGCAAAATAAAGATGGAAGA
 TTTTGCTTTTATTGCTAATCCTTCTTCTACAGAGATATCTAGTATTACTGGAAACATTGAATTGAATCAA
 CAGACTGTCTTCTTACTCTGCGAGATTATAATAATCGAGAGAAATCAGAAGTATCTACAGATTTGATTC
 AGGCAAAATCCTAAACAAGGCGCTTAGCGAAAAAGTCATCTCAAACGAAAAAGAAGAAGGCTTTCAA
 CTCCTCCGAAAACAGGGCAGAATAAAACAGTGAATATCCAGTGACATCTTAGAGAATGCATCTGTTGAA
 TTATTCCTAGATGCAAAATAAAGTCCACACCTGTAGTAGAACAAGTTGCACAAATAAATGATAATTCAG
 AACTCGAGTTGACATCAGTTGTGAAAAACTTTTCCAGCACAAGATATTGTGCACACTGTTACAGTGAA
 ACGGAAACGTGAAAAATCACAGCAAACTGTGCTCTGAAAGAAGTCTATGTCTAATATAGCCAGCGTC
 AAGAGTCTTATGAGGCGGAGAACTCCGGGGAAGAGCTGGATCAGAGGATTCAGGCAAGCCAAATGT
 GTAACACATGTGGGAAAGTGTTCAGAAAGCCAGCAGTTTGAAGAGGCACATGAGAATACATAAAGGAGT
 CAAACCTTACGCTGCCACTTATGTGAAAGGCATTTACCAATGTAACAGCTGAAAACGCATGTAAGA
 ACTCATACAGGTGAGAAGCCATACAAATGTGAATTGTGTGATAAAGGATTTGCTCAGAAATGTCAGCTAG
 TCTTCCATAGTCGCATGCATCATGGTGAAGAAAAACCTATAAATGTGATGTATGCAACTTACAGTTTGC
 AACTTCTAGCAATCTCAAGATTCATGCAAGGAAGCATAGTGGAGAGAAGCCATATGTCTGTGATAGGTGT
 GGACAGAGATTTGCTCAAGCCAGCACACTGACCTATCATGTCCGTAGGCATACTGGAGAAAAAGCCTTATG
 TATGTGATACCTGTGGGAAAGCATTGTGCTCTAGTTCTTTACTCATTCTCGAAAAACATACAGG
 TGAAAAACCATACATATGTGGTATTTGTGGGAAAGTTTTATTTCTCAGGAGAGCTCAACAAACACTTT
 CGGTCCCATACAGGTGCAGATAAACTCTAGACTCCAGTGCAGAGGATCATACTTTGAGTGAACAGGATT
 CCATACAAAAAGTCCTTTATCAGAAACTATGGATGTGAAGCCTTCTGATATGACTTTACCATTAGCTCT
 TCCACTGGGACTGAGGACCATCACATGCTTCTGCTGTACGGATACTCAGTCTCTACATCAGATACA
 TTGTTGAGGTCAACTGTGAATGGGTATTCAGAACCACAGTTGATTTTTTTACAACAATTATAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG231322 representing NM_001185119
 Red=Cloning site Green=Tags(s)

MQYSHHCEHLLERLNKQREAGFLCDCTIVIGEFQFAHRNVLASFSEYFGAIYRSTSENNVFLDQSQVKA
 DGFQKLLLEFIYTGLNLDSWNVKEIHQAADYLVKEEVVTKCKIKMEDFAFIANPSSTEISSITGNIELNQ
 QTCLLLRDYNNREKSEVSTDLIQANPKQALAKKSSQTKKKKAFNSPKTGQNKTVQYPSDILENASVE
 LFLDANKLPVVEQVAQINDNSELELTSVVENTFPAQDIVHTVTVKRKRKGSQPNCALKEHSMSNIASV
 KSPYEAEANSGEELDQRYSKAKPMCNTCGKVFSEASSLRHMRIHKGVKPYVCHLCGKAFQCNQLKTHVR
 THTGEKPYKCELCDKGFAQKQQLVFHSMHHGEEKPYKCDVNLQFATSSNLKIHKHKSSEKPYVCDRC
 GQRFQAQASTLTYHVRHTGEKPYVCDTCGKAFVSSSLITHSRKHTGEKPYICGICGKSFISSEGLNKH
 RSHTGADKTLDSSAEDHTLSEQDSIQKSPLSETMDVKPSDMLPLALPLGTEHDHMLLPVTDTSPTSDT
 LLRSTVNGYSEPLIFLQQLY

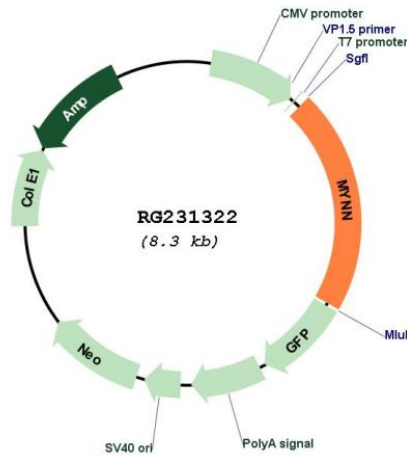
TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:


Plasmid Map:

ACCN: NM_001185119

ORF Size: 1743 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_001185119.1 , NP_001172048.1
RefSeq Size:	4815 bp
RefSeq ORF:	1746 bp
Locus ID:	55892
UniProt ID:	Q9NPC7
Cytogenetics:	3q26.2
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a member of the BTB/POZ and zinc finger domain-containing protein family that are involved in the control of gene expression. Alternative splicing results in multiple transcript variants and a pseudogene has been identified on chromosome 14. [provided by RefSeq, Jun 2010]