

Product datasheet for **RG234557**

Myoneurin (MYNN) (NM_001185118) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myoneurin (MYNN) (NM_001185118) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Myoneurin
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:

>RG234557 representing NM_001185118
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGTATTCGACCACCTGTGAGCACCTTTAGAGAGACTGAACAACAGCGGGAAGCAGGTTTTCTCT
 GTGACTGTACCATAGTGATTGGGAATTCAGTTTAAAGCTCATAGGAATGTGCTGGCCTCCTTTAGTGA
 GTATTTGGTGCGATCTACAGAAGCACTTCTGAGAACAATGTCTTTCTTGATCAGAGTCAGGTGAAGGCT
 GATGGATTTAGAAAAGTGGAGTTTATACACAGGAACCTTAAATCTTGACAGTTGGAATGTTAAAG
 AAATTCATCAGGCTGCTGACTATCTCAAAGTGGAGAGGTGGTCACTAAATGCAAAATAAAGATGGAAGA
 TTTTGCTTTTATTGCTAATCCTTCTTACAGAGATATCTAGTATTACTGGAAACATTGAATTGAATCAA
 CAGACTGTCTTCTTACTCTGCGAGATTATAATAATCGAGAGAAATCAGAAGTATCTACAGATTTGATTC
 AGGCAAACTCTAAACAAGGCGCTTAGCGAAAAAGTCATCTCAAACGAAAAAGAAGAAGGCTTTCAA
 CTCCTCCGAAAACAGGGCAGAATAAAACAGTGAATATCCAGTGACATCTTAGAGAATGCATCTGTTGAA
 TTATTCCTAGATGCAAAATAAAGTCCACACCTGTAGTAGAACAAGTTGCACAAATAAATGATAATTCAG
 AACTCGAGTTGACATCAGTTGTGAAAAACTTTTCCAGCACAAGATATTGTGCACACTGTTACAGTGAA
 ACGGAAACGTGAAAAATCACAGCAAACTGTGCTCTGAAAGAACACTCTATGTCTAATATAGCCAGCGTC
 AAGAGTCTTATGAGGCGGAGAAGTCCGGGGAAGAGCTGGATCAGAGGATTCCAAGGCCAAGCCAAATGT
 GTAACACATGTGGGAAAGTGTTCAGAAAGCCAGCAGTTTGAGAAGGCACATGAGAATACATAAAGGAGT
 CAAACCTTACGTCTGCCACTTATGTGAAAGGCATTTACCAATGTAACCAGTGAAAACGCATGTAAGA
 ACTCATAACAGGTGAGAAGCCATACAAATGTGAATTGTGTGATAAAGGATTTGCTCAGAAATGTCAGCTAG
 TCTTCCATAGTCGCATGCATCATGGTGAAGAAAAACCTATAAATGTGATGTATGCAACTACAGTTTGC
 AACTTCTAGCAATCTCAAGATTCATGCAAGGAAGCATAGTGGAGAGAAGCCATATGTCTGTGATAGGTGT
 GGACAGAGATTTGCTCAAGCCAGCACACTGACCTATCATGTCCGTAGGCATACTGGAGAAAAACCTTATG
 TATGTGATACCTGTGGGAAGGCATTTGCTGTCTAGTTCTTTACTCATTCTCGAAAAACATACAGG
 TGAAAAACCATACATATGTGGTATTTGTGGAAAAAGTTTTATTTCTCAGGAGAGCTCAACAAACACTTT
 CGGTCCCATACAGGAGAAAGACATTTATCTGCGAATTATGTGAAATTTTACACAGATATTAATAAAT
 TAAAGAAGCACAAAACAAAAGTCCATTCTGGTGCAGATAAAACTCTAGACTCCAGTGCAGAGGATCATA
 TTTGAGTGAACAGGATTCATACAAAAAAGTCTTTATCAGAACTATGGATGTGAAGCCTTCTGATATG
 ACTTTACCATTAGCTCTCCACTGGGACTGAGGACCATCACATGCTTCTGCCTGTCACGGATACTCAGT
 CTCTACATCAGATACATTGTTGAGGTCAACTGTGAATGGTATTTCAGAACCACAGTTGATTTTTTACA
 ACAATTATAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG234557 representing NM_001185118
 Red=Cloning site Green=Tags(s)

MQYSHHCEHLLERLNKQREAGFLCDCTIVIGEFQFKAHNRNVLASFSEYFGAIYRSTSENNVFLDQSQVKA
 DGFQKLEFIYTGTLNLDWNVKEIHQAADYLKVEEVVTKCKIKMEDFAFIANPSSTEISSITGNIELNQ
 QTCLLTLRDYNNREKSEVSTDLIQANPKQGALAKKSSQTKKKKAFNSPKTGQNKTVQYPSDILENASVE
 LFLDANKLPTPVVEQVAQINDNSELELTSVVENTFPAQDIVHTVTVKRKRKGSQPNCALKEHSMSNIASV
 KSPYEAENSGEELDQRYSKAKPMCNTCGKVFSEASSLRHMRIHKGVKPYVCHLCGKFTQCNQLKTHVR
 THTGEKPYKCELDKGFQKQQLVFHSMHHGEEKPYKCDVNLQFATSSNLKIHARKHSGEKPYVCDRC
 GQRFQAQSTLTYHVRRTGKPYVCDTCGKAFVSSSLITHSRKHTGKPYICGICGKSFISSEGELNKH
 RSHTGERPFICELCGNSYTDIKNLKHKHTKVHSGADKTLDSAEHTLSEQDSIQKSPLETMDVKPSPDM
 TLPLALPLGTEDHMLLPVDTQSPSTDLRSTVNGYSEPLIFLQQLY

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001185118

ORF Size: 1830 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.

RefSeq: [NM_001185118.2](#)

RefSeq Size: 5367 bp

RefSeq ORF: 1833 bp

Locus ID: 55892

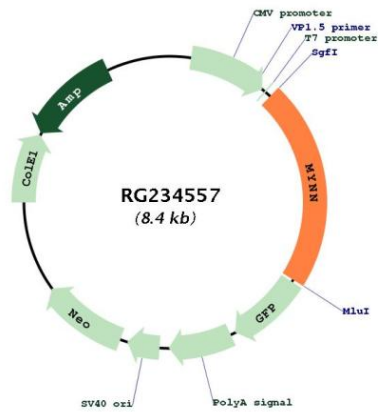
UniProt ID: [Q9NPC7](#)

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]

Product images:



Circular map for RG234557