

Product datasheet for **RG207080**

Myoneurin (MYNN) (NM_018657) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myoneurin (MYNN) (NM_018657) 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:

>RG207080 representing NM_018657
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGTATTCGCACCACTGTGAGCACCTTTAGAGAGACTGAACAACAGCGGGAAGCAGGTTTTCTCT
 GTGACTGTACCATAGTGATTGGGAATTCAGTTTAAAGCTCATAGGAATGTGCTGGCCTCCTTTAGTGA
 GTATTTGGTGGATCTACAGAAGCACTTCTGAGAACAATGTCTTTCTTGATCAGAGTCAGGTGAAGGCT
 GATGGATTTAGAAAAGTGTGGAGTTTATATACACAGGAACCTTAAATCTTGACAGTTGGAATGTTAAAG
 AAATTCATCAGGCTGCTGACTATCTCAAAGTGGAGAGGTGGTCACTAAATGCAAAATAAAGATGGAAGA
 TTTTGCTTTTATTGCTAATCCTTCTTCTACAGAGATATCTAGTATTACTGGAAACATTGAATTGAATCAA
 CAGACTGTCTTCTTACTCTGCGAGATTATAATAATCGAGAGAAATCAGAAGTATCTACAGATTTGATTC
 AGGCAAAATCCTAAACAAGGCGCTTAGCGAAAAAGTCATCTCAAACGAAAAAGAAGAAGGCTTTCAA
 CTCCTCCGAAAACAGGGCAGAATAAAACAGTGAATATCCAGTGACATCTTAGAGAATGCATCTGTTGAA
 TTATTCCTAGATGCAAAATAAAGTCCACACCTGTAGTAGAACAAGTTGCACAAATAAATGATAATTCAG
 AACTCGAGTTGACATCAGTTGTGAAAAAATCTTTCCAGCACAAGATATTGTGCACACTGTTACAGTGAA
 ACGGAAACGTGAAAAATCACAGCAAACTGTGCTCTGAAAGAACACTCTATGTCTAATATAGCCAGCGTC
 AAGAGTCTTATGAGGCGGAGAAGTCCGGGGAAGAGCTGGATCAGAGGATTCCAAGGCCAAGCCAAATGT
 GTAACACATGTGGGAAAGTGTTCAGAAAGCCAGCAGTTTGAGAAGGCACATGAGAATACATAAAGGAGT
 CAAACCTTACGCTGCCACTTATGTGAAAGGCATTTACCAATGTAACCAGTGAAAACGCATGTAAGA
 ACTCATACAGGTGAGAAGCCATACAAATGTGAATTGTGTGATAAAGGATTTGCTCAGAAATGTCAGCTAG
 TCTTCCATAGTCGCATGCATCATGGTGAAGAAAAACCCTATAAATGTGATGTATGCAACTACAGTTTGC
 AACTTCTAGCAATCTCAAGATTCATGCAAGGAAGCATAGTGGAGAGAAGCCATATGTCTGTGATAGGTGT
 GGACAGAGATTTGCTCAAGCCAGCACACTGACCTATCATGTCCGTAGGCATACTGGAGAAAAAGCCTTATG
 TATGTGATACCTGTGGGAAGGCATTTGCTGTCTAGTTCTTTACTCATTCTCGAAAAACATACAGG
 TGAAAAACCATACATATGTGGTATTTGTGGAAAAAGTTTTATTTCCAGGAGAGCTCAACAAACACTTT
 CGGTCCCATACAGGAGAAAGACCTTTATCTGCGAATTATGTGAAATTTTACACAGATATTAATAAAT
 TAAAGAAGCACAAAACAAAAGTCCATTCTGGTGCAGATAAAACTCTAGACTCCAGTGCAGAGGATCATA
 TTTGAGTGAACAGGATTCATACAAAAAAGTCTTTATCAGAACTATGGATGTGAAGCCTTCTGATATG
 ACTTTACCATTAGCTCTCCACTGGGACTGAGGACCATCACATGCTTCTGCCTGTCACGGATACTCAGT
 CTCTACATCAGATACATTGTTGAGGTCAACTGTGAATGGTATTTCAGAACCACAGTTGATTTTTTACA
 ACAATTATAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG207080 representing NM_018657
 Red=Cloning site Green=Tags(s)

MQYSHHCEHLLERLNKQREAGFLCDCTIVIGEFQFKAHNRNVLASFSEYFGAIYRSTSENNVFLDQSQVKA
 DGFQKLLFEIYTGTLNLDWNVKEIHQAADYLKVEEVVTKCKIKMEDFAFIANPSSTEISSITGNIELNQ
 QTCLLTLRDYNNREKSEVSTDLIQANPKQGALAKKSSQTKKKKAFNSPKTGQNKTVQYPSDILENASVE
 LFLDANKLPTPVVEQVAQINDNSELELTSVVENTFPAQDIVHTVTVKRKRKGSQPNCALKEHSMSNIASV
 KSPYEAEENSGEELDQRYSKAKPMCNTCGKVFSEASSLRHMRIHKGVKPYVCHLCGKFTQCNQLKTHVR
 THTGEKPYKCELDKGFQKQQLVFHSMHGHGEEKPYKCDVNLQFATSSNLKIHARKHSGEKPYVCDRC
 GQRFQAQSTLTYHVRRTGKPYVCDTCGKAFVSSSLITHSRKHTGKPYICGICGKSFISSEGELNKH
 RSHTGERPFICELCGNSYTDIKNLKHKTKVHSGADKTLDSAEHTLSEQDSIQKSPLETMDVKPSPDM
 TLPLALPLGTEDHMLLPVDTQSPSTDLRSTVNGYSEPLIFLQQLY

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_018657

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_018657.5](#)

RefSeq Size: 3178 bp

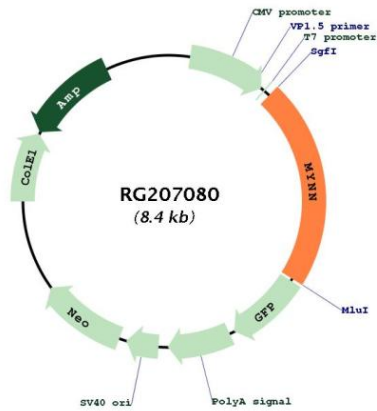
RefSeq ORF: 1833 bp

Locus ID: 55892

UniProt ID: [Q9NPC7](#)

Cytogenetics: 3q26.2
Domains: BTB, zf-C2H2
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 RG207080