

Product datasheet for **RC231322**

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:	Myc-DDK
Symbol:	Myoneurin
Synonyms:	OSZF; SBBIZ1; ZBTB31; ZNF902
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC231322 representing NM_001185119
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGTATTCGCACCACTGTGAGCACCTTTAGAGAGACTGAACAAACAGCGGGAAGCAGGTTTTCTCT
 GTGACTGTACCATAGTGATTGGGAATTCAGTTTAAAGCTCATAGGAATGTGCTGGCCTCCTTTAGTGA
 GTATTTGGTGCGATCTACAGAAGCACTTCTGAGAACAATGTCTTTCTTGATCAGAGTCAGGTGAAGGCT
 GATGGATTTAGAAAAGTGTGGAGTTTATACACAGGAAGTAAATCTTGACAGTTGGAATGTTAAAG
 AAATTCATCAGGCTGCTGACTATCTCAAAGTGGAGAGGTGGTCACTAAATGCAAAATAAAGATGGAAGA
 TTTTGCTTTTATTGCTAATCCTTCTTCTACAGAGATATCTAGTATTACTGGAAACATTGAATTGAATCAA
 CAGACTGTCTTCTTACTCTGCGAGATTATAATAATCGAGAGAAATCAGAAGTATCTACAGATTTGATTC
 AGGCAAAATCCTAAACAAGGCGCTTAGCGAAAAAGTCATCTCAAACGAAAAAGAAGAAGGCTTTCAA
 CTCCTCCGAAAACAGGGCAGAATAAAACAGTGAATATCCAGTGACATCTTAGAGAATGCATCTGTTGAA
 TTATTCCTAGATGCAAAATAAAGTCCACACCTGTAGTAGAACAAGTTGCACAAATAAATGATAATTCAG
 AACTCGAGTTGACATCAGTTGTGAAAAACTTTTTCCAGCACAAGATATTGTGCACACTGTTACAGTGAA
 ACGGAAACGTGAAAAATCACAGCAAACTGTGCTCTGAAAGAAGTCTATGTCTAATATAGCCAGCGTC
 AAGAGTCTTATGAGGCGGAGAACTCCGGGGAAGAGCTGGATCAGAGGATTCGAAGGCCAAGCCATGT
 GTAACACATGTGGGAAAGTGTTCAGAAAGCCAGCAGTTTGAGAAGGCACATGAGAATACATAAAGGAGT
 CAAACCTTACGTCTGCCACTTATGTGAAAGGCATTTACCAATGTAACCAGTGAACCGCATGTAAGA
 ACTCATACAGGTGAGAAGCCATACAAATGTGAATTGTGTGATAAAGGATTTGCTCAGAAATGTCAGTAG
 TCTTCCATAGTCGCATGCATCATGGTGAAGAAAAACCTATAAATGTGATGTATGCAACTACAGTTTGC
 AACTTCTAGCAATCTCAAGATTCATGCAAGGAAGCATAGTGGAGAGAAGCCATATGTCTGTGATAGGTGT
 GGACAGAGATTTGCTCAAGCCAGCACACTGACCTATCATGTCCGTAGGCATACTGGAGAAAAAGCCTTATG
 TATGTGATACCTGTGGGAAGGCATTTGCTGTCTAGTTCTTTACTCATTCTCGAAAAACATACAGG
 TGAAAAACCATACATATGTGGTATTTGTGGAAAAAGTTTTATTTCTCAGGAGAGCTCAACAAACACTTT
 CGGTCCCATACAGGTGCAGATAAACTCTAGACTCCAGTGCAGAGGATCATACTTTGAGTGAACAGGATT
 CCATACAAAAAGTCCTTATCAGAAACTATGGATGTGAAGCCTTCTGATATGACTTTACCATTAGCTCT
 TCCACTGGGACTGAGGACCATCACATGCTTCTGCCTGTACGGATACTAGTCTCTACATCAGATACA
 TTGTTGAGGTCAACTGTGAATGGGTATTCAGAACCACAGTTGATTTTTTTACAACAATTATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC231322 representing NM_001185119
 Red=Cloning site Green=Tags(s)

MQYSHHCEHLLERLNKQREAGFLCDCTIVIGEFQFAHRNVLASFSEYFGAIYRSTENNVFLDQSQVKA
 DGFQKLEFIYTGTLNLDSWNVKEIHQAADYLKVEEVTKCKIKMEDFAFIANPSSTEISSITGNIELNQ
 QTCLLTLRDYNNREKSEVSTDLIQANPKQALAKKSSQTKKKKAFNSPKTGQNKTVQYPSDILENASVE
 LFLDANKLPTPVVEQVAQINDNSELELTSVVENTFPAQDIVHTVTVKRKRKGSQPNCALKEHSMSNIASV
 KSPYEAEANSGEELDQRYSKAKPMCNTCGKVFSEASSLRHMRIHKGVKPYVCHLCGKFTQCNQLKTHVR
 THTGEKPYKCELDKGFQKQCLVFHSRHHGEEKPYKCDVNLQFATSSNLKIHKHKSSEKPYVCDRC
 GQRFAQASTLTYHVRRTGKPYVCDTCGKAFVSSSLITHSRKHTGKPYICGICGKSFISSEGELNKH
 RSHTGADKTLDSAEHTLSEQDSIQKSPLSETMDVKPSDMLPLALPLGTEDHHMLLPVDTQSPSTSDT
 LLRSTVNGYSEPLIFLQQLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8068_c05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


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:**
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 ORF: 1746 bp

Locus ID: 55892

UniProt ID: [Q9NPC7](#)

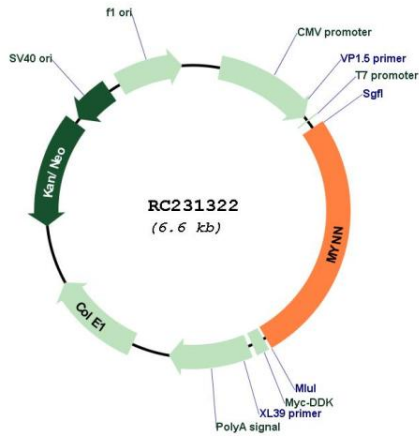
Cytogenetics: 3q26.2

Protein Families: Transcription Factors

MW: 65.8 kDa

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 RC231322