

Product datasheet for **RC234557**

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



[View online »](#)

ORF Nucleotide Sequence:

>RC234557 representing NM_001185118
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAGTATTCGACCCTGTGAGCACCTTTAGAGAGACTGAACAACAGCGGGAAGCAGGTTTTCTCT
 GTGACTGTACCATAGTGATTGGGAATTCAGTTTAAAGCTCATAGGAATGTGCTGGCCTCCTTTAGTGA
 GTATTTGGTGCGATCTACAGAAGCACTTCTGAGAACAATGTCTTTCTTGATCAGAGTCAGGTGAAGGCT
 GATGGATTTAGAAAAGTGGAGTTTATATACACAGGAAGTTAAATCTTGACAGTTGGAATGTTAAAG
 AAATTCATCAGGCTGCTGACTATCTCAAAGTGGAGAGGTGGTCACTAAATGCAAAATAAAGATGGAAGA
 TTTTGCTTTTATTGCTAATCCTTCTTCTACAGAGATATCTAGTATTACTGGAAACATTGAATTGAATCAA
 CAGACTGTCTTCTTACTCTGCGAGATTATAATAATCGAGAGAAATCAGAAGTATCTACAGATTTGATTC
 AGGCAAAATCCTAAACAAGGCGCTTAGCGAAAAAGTCATCTCAAACGAAAAAGAAGAAGGCTTTCAA
 CTCCTCCGAAAACAGGGCAGAATAAAACAGTGAATATCCAGTGACATCTTAGAGAATGCATCTGTTGAA
 TTATTCCTAGATGCAAAATAAAGTCCACACCTGTAGTAGAACAAGTTGCACAAATAAATGATAATTCAG
 AACTCGAGTTGACATCAGTTGTGAAAAATCTTTCCAGCACAAGATATTGTGCACACTGTTACAGTGAA
 ACGGAAACGTGAAAAATCACAGCAAACTGTGCTCTGAAAGAACACTCTATGTCTAATATAGCCAGCGTC
 AAGAGTCTTATGAGGCGGAGAAGTCCGGGGAAGAGCTGGATCAGAGGATTCCAAGGCCAAGCCATGT
 GTAACACATGTGGGAAAGTGTTCAGAAAGCCAGCAGTTTGAGAAGGCACATGAGAATACATAAAGGAGT
 CAAACCTTACGCTGCCACTTATGTGAAAGGCATTTACCAATGTAACCAGTGAAAACGCATGTAAGA
 ACTCATAACAGGTGAGAAGCCATACAAATGTGAATTGTGTGATAAAGGATTTGCTCAGAAAATGTCAGTAG
 TCTTCCATAGTCGCATGCATCATGGTGAAGAAAAACCTATAAATGTGATGTATGCAACTACAGTTTGC
 AACTTCTAGCAATCTCAAGATTCATGCAAGGAAGCATAGTGAGAGAAGCCATATGTCTGTGATAGGTGT
 GGACAGAGATTTGCTCAAGCCAGCACACTGACCTATCATGTCCGTAGGCATACTGGAGAAAAACCTTATG
 TATGTGATACCTGTGGGAAAGCATTGCTGTCTAGTTCTTTACTCATTCTCGAAAAACATACAGG
 TGAAAAACCATACATATGTGGTATTTGTGGGAAAGTTTTATTTCTCAGGAGAGCTCAACAAACACTTT
 CGGTCCCATACAGGAGAAAGACATTTATCTGCGAATTATGTGAAATTTTACACAGATATTAATAAT
 TAAAGAAGCACAAAACAAAAGTCCATTCTGGTGCAGATAAACTCTAGACTCCAGTGCAGAGGATCATA
 TTTGAGTGAACAGGATTCATACAAAAAGTCTTTATCAGAACTATGGATGTGAAGCCTTCTGATATG
 ACTTTACCATTAGCTCTCCACTGGGACTGAGGACCATCACATGCTTCTGCCTGTCACGGATACTCAGT
 CTCTACATCAGATACATTGTTGAGGTCAACTGTGAATGGTATTAGAACCACAGTTGATTTTTTTACA
 ACAATTATAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234557 representing NM_001185118
 Red=Cloning site Green=Tags(s)

MQYSHCEHLLERLNKQREAGFLCDCTIVIGEFQFKAHRNVLASFSEYFGAIYRSTSENNVFLDQSQVKA
 DGFQKLLLEFIYTGTLNLDSWNVKEIHQAADYLKVEEVTKCKIKMEDFAFIANPSSTEISSITGNIELNQ
 QTCLLTLRDYNNREKSEVSTDLIQANPKQGALAKKSSQTKKKKAFNSPKTGQNKTVQYPSDILENASVE
 LFLDANKLPVVEQVAQINDNSELELTSVVENTFPAQDIVHTVTVKRKRKGSQPNCALKEHSMSNIASV
 KSPYEAEENSGEELDQRYSAKPMCNCTCGKVFSEASSLRHMRIHKGVKPYVCHLCKAFTQCNQLKTHVR
 THTGKPKYKCELDKGFQKQCLVFHSRMHGEEKPYKCDVNLQFATSSNLKIHARKHSGEKPYVCDRC
 GQRFQAQSTLTYHVRHTGKPYVCDTCGKAFVSSSLITHSRKHTGKPYICGICGKSFISSEGLNKH
 RSHTGERPFIICELCGNSYTDIKNLKHKTKVHSGADKTLDSAEHTLSEQDSIQKSPLETMDVKPSPDM
 TLPALPLGTEDHMLLPVTDTSQTSPTLLRSTVNGYSEPLIFLQQLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-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

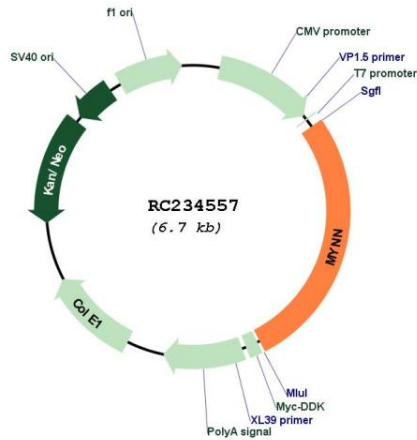
RefSeq ORF: 1833 bp

Locus ID: 55892

UniProt ID: [Q9NPC7](#)

Cytogenetics: 3q26.2
Protein Families: Transcription Factors
MW: 69.1 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 RC234557