

Product datasheet for **SC113414**

Myoneurin (MYNN) (NM_018657) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myoneurin (MYNN) (NM_018657) Human Untagged Clone
Tag:	Tag Free
Symbol:	Myoneurin
Synonyms:	OSZF; SBBIZ1; ZBTB31; ZNF902
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_018657, the custom clone sequence may differ by one or more nucleotides

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ATGCAGTATTCGCACCCTGTGAGCACCTTTAGAGAGACTGAACAAACAGCGGGAAGCAGGTTTTCTCT
GTGACTGTACCATAGTGATTGGGAATTCAGTTTAAAGCTCATAGGAATGTGCTGGCCTCCTTTAGTGA
GTATTTTGGTGGCATCTACAGAAGCACTTCTGAGAACAATGTCTTTCTTGATCAGAGTCAGTGAAGGCT
GATGGATTTAGAAACTGTTGGAGTTTATATACACAGGAACCTTAAATCTTGACAGTTGGAATGTTAAAG
AAATTCATCAGGCTGCTGACTATCTCAAAGTGGAGAGGTGGTCACTAAATGCAAAATAAAGATGGAAGA
TTTTGCTTTTATTGCTAATCCTTCTTCTACAGAGATATCTAGTATTACTGGAAACATTGAATTGAATCAA
CAGACTTGTCTTCTTACTCTGCGAGATTATAATAATCGAGAGAAATCAGAAGTATCTACAGATTTGATTC
AGGCAATCCTAAACAAGGCGCTTAGCGAAAAAGTCATCTCAAACGAAAAAGAAGAAGGCTTTCAA
CTCCCCGAAAACAGGGCAGAATAAAACAGTGAATATCCCAGTGACATCTTAGAGAATGCATCTGTTGAA
TTATTCTAGATGCAAAATAAAGTCCCACACCTGTAGTAGAACAAGTTGCACAAATAAATGATAATTCAG
AACTCGAGTTGACATCAGTTGTGAAAAACTTTTCCAGCACAAGATATTGTGCACACTGTTACAGTGAA
ACGGAAACGTGGAAAATCACAGCCAAACTGTGCTCTGAAAGAACACTCTATGTCTAATATAGCCAGCGTC
AAGAGTCCTTATGAGCGGAGAAGTCCGGGGAAGAGCTGGATCAGAGGTATTCCAAGGCCAAGCCATGT
GTAACACATGTGGGAAAGTGTTCAGAAAGCCAGCAGTTTGAAGGCACATGAGAATACATAAAGGAGT
CAAACCTTACGTCTGCCACTTATGTGAAAGGCATTTACCCAATGTAACCAGCTGAAAACGCATGTAAGA
ACTCATAACAGGTGAGAAGCCATACAAATGTGAATTGTGTGATAAAGGATTTGCTCAGAAATGTCAGCTAG
TCTTCCATAGTCGCATGCATCATGGTGAAGAAAAACCTATAAATGTGATGTATGCAACTTACAGTTTGC
AACTTCTAGCAATCTCAAGATTCATGCAAGGAAGCATAGTGGAGAGAAGCCATATGTCTGTATAGGTGT
GGACAGAGATTTGCTCAAGCCAGCACACTGACCTATCATGTCCGTAGGCATACTGGAGAAAAGCCTTATG
TATGTGATACCTGTGGGAAAGCATTGTGCTCTAGTTCTTATCACTATTCTCGAAAACATACAGG
TGAAAAACCATACATATGTGGTATTTGTGGGAAAAGTTTTATTTCTCAGGAGAGCTCAACAAACACTTT
CGGTCCCATACAGGAGAAAGACCTTTATCTGCGAATTATGTGAAATTTTACACAGATATTAATAAAT
TAAAGAAGCACAAAACAAAAGTCCATTCTGGTGCAGATAAAACTTAGACTCCAGTGCAGAGGATCATA
TTTGAGTGAACAGGATCCATACAAAAGTCTTTATCAGAACTATGGATGTGAAGCCTTCTGATATG
ACTTTACCATTAGCTCTCCACTGGGACTGAGGACCATCACATGCTTCTGCCTGTCACGGATACTCAGT
CTCCTACATCAGATACATTGTTGAGTCAACTGTGAATGGTATTGAGAACCACAGTTGATTTTTTACA
ACAATTACTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018657 unedited

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CAAATTTTGTATACGACTCACTTATAGGGCGCCGCGATTCCGGCACGAGGGAAGAAGTGT
GTTCCCCCTTGGGTTGCTATCGATCAAGGGTAAAATTCATTCTGATATCAAAATGCAG
TATTCGCACCACTGTGAGCACCTTTAGAGAGACTGAACAAACAGCGGGAAGCAGGTTTT
CTCTGTGACTGTACCATAGTGATTGGGAATTCAGTTTAAAGCTCATAGGAATGTGCTG
GCCTCCTTTAGTGAGTATTTGGTGGCATCTACAGAAGCACTTCTGAGAACAATGTCTTT
CTTGATCAGAGTCAGGTGAAGGCTGATGGATTTAGAACTGTTGGAGTTTATATACACA
GGAACCTTAAATCTTGACAGTTGGAATGTTAAAGAAATTCATCAGGCTGCTGACTATCTC
AAAGTGGAGAGGTGGTCACTAAATGCAAAATAAAGATGGAAGATTTGCTTTTATTGCT
AATCCTTCTTCTACAGAGATATCTAGTATTACTGGAAACATTGAATTGAATCAACAGACT
TGCTTTCTTACTCTGCGAGATTATAATAATCGAGAGAAATCAGAAGTATCTACAGATTTG
ATTCAGGCAAATCCTAAACAAGGCGCTTAGCGAAAAAGTCATCTCANACGAAAAAGAAG
AAGAAGGCTTTCAACTCCCCGAANACAGGGCAGAATAAAACAGTGAATATCCCAGTGAC
ATCTTAGAGAATGCATCTGTTGAATTATCCTAGATGCANATAAACTGCCACACCTGTA
GTAGAACAAGTTGCACAAATAAATGATAATTCAGAACTCGAGTTGACATCAGTTGTGAA
AATACTTTTCCAGCACAGNATATTGTGCACACTGGNTACAGTGAANCGGNAANCCTGNA
NATCACAGNCCAAGTGTGCTCTGAANNACACTCTATGTCTATATAGCCAGCGTCAAGAT
CCTT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_018657 unedited GATTTTTTTAAGAGTGCATAACAGGGAGTAAGNANAGCTTACCAAATATTTCAAACCTCA AGTACATTTTCTCATCTCCAATATTTTAGAACGGAATAAACATAAACTGAATCAAATT TTGAAACTGTCTTTGACAAGATAAAAACACCAAATATCTACTTAAATTCATTTTGAAAA TACAATCTCAGATAACTCAAACAAAAGTGCTGACCATTGGTTTTCTCCAGAATACTCAG TTCTAAATGAACAAAAATTTATATGCACCTTTCTAGATTTTGAGAAACATTTTGTTC TTAGAAAAGTTATTTCTAACAAATATATTAATAGAGAAAATAGCACAACTTCTATTTCAGCGC CTAAATTTTACGAGCGAAAATATGAAATTTTATTTTATGCATAGTTTATGTATTGATC CATGGGGCTTACAATAGCAACACACTCTGGGCTGATACTATCGTGGATTTTGCTTAA TTATGAGGGCAGGAAAATTTTAAATCCCACAGGTCACTACTGAATCACATTAAGTGGCT GATTTAGTAAATGAAGGGCAATTCTAAATGCANAATAAAAATGGAATTAAGGCAGCTNT AAAAGAAAAATAAACTCATCCACCCAAAATAGTGCTACATAATTCATTACTTAAAAAGCT CTCTGTGGAGTATAGACATANAGCCAAAATAAAAACAACATTGCAGTTGTGATGCAGCA TCAGGTGCTNNTACTTCAGTGAATGAAAAAATATGGGTCACTCANATGAATGGGAAAT TTATATGAATATATGCACCTTACCCAGAGATGTTGCTACCATGATAATCTAGCAATTCCA TATTCTTACAAGTCAGTATAATGGTGTAATAAATCACTGGTGGTCTGAATACCATNCCCA GTGACCTAACATGATTTTGTAGAGACTGATTTTCGGAAGGCAACCATGGATGGTCT CATCCAGTGGAACATATGTAAGCATTCAAAG
Restriction Sites:	NotI-NotI
ACCN:	NM_018657
Insert Size:	3100 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_018657.3</u> , <u>NP_061127.1</u>
RefSeq Size:	3178 bp
RefSeq ORF:	1833 bp
Locus ID:	55892
UniProt ID:	<u>Q9NPC7</u>
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]

Transcript Variant: This variant (1) encodes the longer isoform (A). Both variants 1 and 2 encode the same protein (isoform A). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.