

## Product datasheet for **SC321618**

### I-Myc (MYCL) (NM\_005376) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	I-Myc (MYCL) (NM_005376) Human Untagged Clone
Tag:	Tag Free
Symbol:	I-Myc
Synonyms:	bHLHe38; L-Myc; LMYC; MYCL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_005376.3  
 CTCTCGGCGGCGCGCATGTGCGTGTGTGCTGGCTGCCGGGCTGCCCGAGCCGGCGGGGA  
 GCCGGTCCGCTCCAGGTGGCGGGCGGCTGGAGCGAGGGAGCGGACATGGACTACGACTCG  
 TACCAGCACTATTTCTACGACTATGACTGCGGGGAGGATTTCTACCGCTCCACGGCGCCC  
 AGCGAGGACATCTGGAAGAAATTCGAGCTGGTGCCATCGCCCCACGTCCGCCCTGG  
 GGCTTGGGTCCC GGCGCAGGGGACCCGGCCCCGGGATTGGTCCCCGGAGCCGTGGCC  
 GGAGGGTGCACCGGAGACGAAGCGGAATCCCGGGCCACTCGAAAGGCTGGGGCAGGAAC  
 TACGCCTCCATCATACGCCGTGACTGCATGTGGAGCGGCTTCTCGGCCCGGAACGGCTG  
 GAGAGAGCTGTGAGCGACCGGCTCGCTCCTGGCGCGCCCCGGGGAAACCCGCCAAAGCG  
 TCCGCCGCCCGGACTGCACTCCCAGCCTCGAAGCCGGCAACCCGGCGCCCGCGCCCC  
 TGTCCGCTGGGCGAACCAAGACCCAGGCTGCTCCGGGTCGAGAGCCAAAGCGACTCG  
 GGTAAGGACCTCCCCGAGCCATCCAAGAGGGGGCCACCCATGGGTGGCCAAAGCTCTGC  
 CCCTGCCTGAGGTCAGGCATTGGCTCTTCTCAAGCTCTTGGGCCATCTCCGCCTCTTT  
 GGCTGAAGCTGCCCGTGTAGTCCCAACCGTGTCTGTCTGGCACGTGGGTGTGTTGGTAA  
 ACAGTTTGAAAAGTGGCGTGGGAGCCAGCCTCCCTTTGATGATTATTGGAGCCCAAGG  
 GACAAGGGATTTGAGGTGAGGGTTGGCGCTTAGAGAGGACAATACTGGGGTTGGACTGTA  
 AGGGATTGAAGGGGTACCTTAAGAGACTCCAACCTGAAGTTTTTTGCTGTGCTCT  
 CTTTCCCTAGGAACTCACACTCCCCTAGGGGAGAGAAGCCGAGAGCCTTTTGTGCAA  
 AGCCAAAGCCTTCGTCCTTTTAAAACTAGGTCTCCAGTTGGCTTTACTTTAAATGCC  
 AATAATAAATGCCCTCTTCTCGTGCCTCCCCACCACCTTACCCTCGTGCATCCCTGA  
 GACAGGGAGGGAAGAATGAACACTCCCCATTAACAGATGGAAAACTGAGGCTTAGAGAT  
 AGACAATCACTACAAGTCAGTCCAGCTTCTGCCATCTAGCCAGCCCTCTTCCCAAT  
 GCTCCATCCCAACCAGGCACCTTCTTGTGATGTTTGGGGTCTTTGTGGTAGCTTATCTT  
 AGAAGCACTACACTTGCCTTGCTGTTTGTCTGAGATGGAAAAGTGCCTTCTTGCTCC  
 CCTCAATAGATCTCCAGCGTCAGCTGCTCCCTGGCATTCAACAAATATTCACTGCCCC  
 TACTTTGTGGCAATCTGTGGGCTACATGCTGGGGTCAAGGCAGTAGAACTCCAGGCCCTC  
 CTCTCCCATCCTTGATGCAAGTGAACCTCGCTGAGGGCAGACTGGGCATCCTGTGCCA  
 CTAACACTACATTGTTCTTATTCTGGCATCTTAGACCTCCACCCCGTGAAGAAATCCTGGA  
 GAGGATATTTTTGTAGAGTGTAGACTGTGGCTAGTGACAAATAAATTAGGACCAAGAAAG  
 CTCCTGTAGCTTTTAGGAATACTTTTACACGACCATTTGATAGGGAAGTGGGGAATGG  
 GGTATGGAAGTTTTCTACACTGAGAGAAAAAATAGGATAACAAAAATTTAAAGTCTTT  
 TTTTCTGGAATAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_005376

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_005376.3](#), [NP\\_005367.1](#)

**RefSeq Size:** 2038 bp

**RefSeq ORF:** 621 bp

**Locus ID:** 4610

**UniProt ID:** [P12524](#)

**Cytogenetics:** 1p34.2

**Domains:** Myc\_N\_term

**Protein Families:** Druggable Genome, Transcription Factors