

Product datasheet for **SC302695**

I-Myc (MYCL) (NM_001033081) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	I-Myc (MYCL) (NM_001033081) Human Untagged Clone
Tag:	Tag Free
Symbol:	I-Myc
Synonyms:	bHLHe38; L-Myc; LMYC; MYCL1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001033081 edited
AATGCGCTGCAGCTCGCGCTCCCGCGCGATCCCGAGAGCGTCCGGGCCCGCTGCGCG
AGAGAGGGAGGGCGCGCGCGGGGGGGGCGCGCTCGTGAGTGCGGGCCGCGCTCTCGG
CGGCGCGCATGTGCGTGTGTGCTGGCTGCCGGGTGCCCGAGCCGGCGGGAGCCGGTC
CGCTCCAGGTGGCGGGCGCTGGAGCGAGGTGAGGCTGCCGGTGGCCAGGACACGGGCGC
GGTCCCAGCGGTGCGGGCTGGCTGCAGGCTGCCTTCTGGGCACGGCGCGCCCCGCCCGG
CCCCGCCGGGCCCTGGGAGCTGCGCTCCGGGCGCGCTGGCAAAGTTTGTCTTGAACCTG
CTGCCACAGTCGGGTCCGCGCGCTGCGATTGGCTTCCCCTACCACTCTGACCCGGGGCC
CGGCTTCCCGGGACGCGAGGACTGGGCGCAGGCTGCAAGCTGGTGGGTTGGGGAGGAAC
GAGAGCCCGGCAGCCGACTGTGCCGAGGACCCGGGACACCTCCTTCGCCCGGCCGGCA
CCCGGTACGACGTCCTCCCTCCCGCAGGAGCGGACATGGACTACGACTCGTAC
CAGCACTATTTCTACGACTATGACTGCGGGGAGGATTTCTACCGCTCCACGGCGCCGAGC
GAGGACATCTGGAAGAAATTCGAGCTGGTGCCATCGCCCCCACGTGCCGCCCTGGGGC
TTGGGTCCCAGGCGAGGGGACCCGGCCCCGGGATTGGTCCCCGGAGCCGTGGCCCGGA
GGGTGCACCGGAGACGAAGCGGAATCCCGGGGCCACTCGAAAGGCTGGGGCAGGAACTAC
GCCTCCATCATACGCCGTGACTGCATGTGGAGCGGCTTCTCGGCCGGGAACGGCTGGAG
AGAGCTGTGAGCGACCGGCTCGCTCCTGGCGCGCCCCGGGGGAACCCGCCAAGGCGTCC
GCCGCCCGGACTGCACTCCCAGCCTCGAAGCCGGCAACCCGGCGCCCGCCGCCCTGT
CCGCTGGGCGAACCCAGACCCAGGCTGCTCCGGTCCGAGAGCCCAAGCGACTCGGAG
AATGAAGAAATTGATGTTGTGACAGTAGAGAAGAGGCAGTCTCTGGGTATTTCGGAAGCCG
GTCACCATCACGGTGCGAGCAGACCCCTGGATCCCTGCATGAAGCATTTCACATCTCC
ATCCATCAGCAACAGCACAACACTATGCTGCCGTTTTCTCCAGAAAGCTGCTCCCAAGAA
GAGGCTTCAGAGAGGGTCCCCAAGAAGAGTTCTGGAGAGAGATGCTGCAGGGGAAAAG
GAAGATGAGGAGGATGAAGAGATTGTGAGTCCCCACCTGTAGAAAGTGAGGCTGCCAG
TCCTGCCACCCCAACCTGTCAGTTCTGATACTGAGGATGTGACCAAGAGGAAGAATCAC
AACTTCTGGAGCGCAAGAGCGGAATGACCTGCGTTCGCGATTCTTGGCGCTGAGGGAC
CAGGTGCCACCCTGGCCAGCTGCTCCAAGGCCCAAGTAGTGATCCTAAGCAAGGCC



[View online »](#)

```

TTGGAATACTTGCAAGCCCTGGTGGGGCTGAGAAGAGGATGGCTACAGAGAAAAGACAG
CTCCGATGCCGGCAGCAGCAGTTGCAGAAAAGAATTGCATACCTCAGTGGCTACTAACTG
ACCAAAAAGCCTGACAGTTCTGTCTTACGAAGACACAAGTTTATTTTTAACCTCCCTCT
CCCCTTTAGTAATTTGCACATTTTGGTTATGGTGGGACAGTCTGGACAGTAGATCCCAGA
ATGCATTGCAGCCGGTGCACACACAATAAAGGCTTGCATTCTTGGAAACCTTGAAACCA
GCTCTCCCTCTCCCTGACTCATGGGAGTGTGTATGTTCTCTGGCGCCTTTGGCTTCCC
AGCAGGCAGCTGACTGAGGAGCCTTGGGTCTGCCTAGCTCACTAGCTCTGAAGAAAAGG
CTGACAGATGCTATGCAACAGGTGGTGGATGTTGTCAGGGGCTCCAGCCTGCATGAAATC
TCACACTCTGCATGAGCTTTAGGCTAGGAAAGGATGCTCCCAACTGGTGTCTCTGGGGTG
ATGCAAGGACAGCTGGGCTGGATGCTCTCCCTGAGGCTCCTTTTTCCAGAAGACACAG
AGCTGTCTTGGGTGAAGACAAGCTTGCAGACTTGATCAACATTGACCATTACCTCACTGT
CAGACACTTTACAGTAGCCAAGGAGTTGGAACCTTTATATATTATGATGTTAGCTGACC
CCCTTCTCCACTCCCAATGCTGCGACCCTGGGAACACTTAAAAAGCTTGGCCTCTAGA
TTCTTTGTCTCAGAGCCCTCTGGGCTCTCTCTCTGAGGGAGGGACCTTTCTTTCTCAC
AAGGGACTTTTTTGTCCATTATGCCTTGTATGCAATGGGCTCTACAGCACCTTTCCC
ACAGGTACAGAAATATTTCCCAAGACACAGGAAATCGGTCCTAGCCTGGGGCCTGGGGA
TAGCTTGGAGTCTGGCCATGAACTTGATCCCTGCCAGGTGTTTTCCGAGGGGCACTT
GAGGCCAGTCTTTTCTCAAGGCAGGTGTAAGACACCTCAGAGGGAGAAGTACTGCTG
CCTTTTCCACCTGCCTCATCTCAATCCTTGAGCGGCAAGTTTGAAGTTCTTCTGGAAC
CATGCAAACTGTCTCCTCATGCAATCCAAGGAGCTTGTGGCTCTGCAGCCACCCTT
GGGCCCCCTCCAGCCTGCCATGAATCAGATATCTTTCCAGAATCTGGGCGTTTCTGAAG
TTTTGGGAGAGCTGTTGGGACTCATCCAGTGTCCAGAAGGTGGACTTGCTTCTGGTGG
GTTTTAAAGGAGCCTCCAGGAGATATGCTTAGCCAACCATGATGGATTTTACCCAGCTG
GACTCGGCAGCTCCAAGTGGAAATCCACGTGCAGTTCTAGTCTGGGAAAGTCAACCAACC
TAGCAGTTGTCATGTGGTAACCTCAGGCACCTTAAGCCTGTCCTGGAAGAAGGACCAG
CAGCCCCCTCCAGAACTCTGCCAGGACAGCAGGTGCCTGCTGGCTCTGGGTTTGGAAAGT
GGGGTGGGTAGGGGGTGGTAAGTACTATATATGGCTCTGGAAAACCAGCTGCTACTTCCA
AATCTATTGTCCATAATGGTTTCTTTCTGAGGTTGCTTCTTGGCCTCAGAGGACCCAGG
GGATGTTTGGAAATAGCCTCTCTACCCTTCTGGAGCATGGTTTACAAAAGCCAGCTGACT
TCTGGAATTGTCTATGGAGGACAGTTGGGTGTAGTTACTGATGTCTCAACTGAATAGC
TTGTGTTTTATAAGCTGTGTTGGCTATTATGCTGGGGAGTCTTTTTTTTTTATATTGT
ATTTTTGTATGCCTTTTGCAAAGTGGTGTAACTGTTTTTGTACAAGGAAAAAACTCTT
GGGGCAATTTCTGTTGCAAGGGTCTGATTTATTTTAAAAGGCAAGTTACCTGAAATTT
TGATTTAGTTGTGATTACTGATTGCCTGATTTTAAAATGTTGCCTTCTGGGACATCTTC
TAATAAAGATTTCTCAACAAAAA

```

- Restriction Sites:** Please inquire
- ACCN:** NM_001033081
- Insert Size:** 3900 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to contain one SNP compared with NM_001033081.1.
- 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_001033081.1](#), [NP_001028253.1](#)

RefSeq Size: 3622 bp

RefSeq ORF: 1095 bp

Locus ID: 4610

UniProt ID: [P12524](#)

Cytogenetics: 1p34.2

Protein Families: Druggable Genome, Transcription Factors