

## Product datasheet for **SC206606**

### c-Myc (MYC) (NM\_002467) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	c-Myc (MYC) (NM_002467) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MYC
Synonyms:	bHLHe39; c-Myc; MRTL; MYCC
ACCN:	NM_002467
Insert Size:	2000 bp



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**Insert Sequence:** >SC206606 3'UTR clone of NM\_002467  
 The sequence shown below is from the reference sequence of NM\_002467. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTGAACAGCTACGGAACCTTTGTGCGTAAAGGAAAAGTAAGGAAAACGATTCCCTTCTAACAGAAATGTC
CTGAGCAATCACCTATGAACTTGTTCAAATGCATGATCAAATGCAACCTCACAACTTGGCTGAGTCT
TGAGACTGAAAGATTTAGCCATAATGTAAGTGCCTCAAATGGACTTTGGGCATAAAAGAACTTTTTT
ATGCTTACCATCTTTTTTTTTCTTTAACAGATTTGTATTTAAGAATTGTTTTTAAAAAATTTAAGAT
TTACACAATGTTTCTCTGTAATATTGCCATTAATGTAATAACTTTAATAAACGTTTATAGCAGTT
ACACAGAAATTTCAATCCTAGTATATAGTACCTAGTATTATAGGACTATAAACCTAATTTTTTTTTATT
TAAGTACATTTTGCTTTTTAAAGTTGATTTTTTCTATTGTTTTAGAAAAATAAAATAACTGGCAAA
TATATCATTGAGCCAAATCTTAAGTTGTAATGTTTTGTTTCGTTTCTCCCTCCCAACCACCACCA
TCCTGTTTGTTCATCAATTGCCCTCAGAGGGTGGTCTTAAGAAAGCAAGAGTTTTCTCTGTT
GAAATGGGTCTGGGGCCTTAAGGTCTTAAGTCTTGGAGGTTCTAAGATGCTTCTGGAGACTATGA
TAACAGCCAGAGTTGACAGTTAGAAGGAATGGCAGAAGGCAGGTGAGAAGGTGAGAGGTAGGCAAAGGA
GATACAAGAGGTCAAAGGTAGCAGTTAAGTACACAAAGAGGCATAAGGACTGGGGAGTTGGGAGGAAGG
TGAGGAAGAACTCCTGTACTTTAGTTAACAGTCCAGTCCCTGCTCACTCCAAACCCAGGAATTC
TGCCAGTTGATGGGGACACGGTGGGAACCAGCTTCTGCTGCCTCACAACCAGGCGCCAGTCTGTCC
ATGGGTTATCTCGCAAACCCAGAGGATCTCTGGGAGGAATGCTACTATTAACCTATTTACAAACAA
GGAAATAGAAGAGCTCAAAGAGTTATGTAACCTATCTGTAGCCACGCAGATAATACAAAGCAGCAATC
TGGACCCATTCTGTTCAAACACTTAACCTTCGCTATCATGCCTTGGTTCATCTGGGTCTAATGTGCT
GAGATCAAGAAGTTTAGGACCTAATGGACAGACTCAAGTCATAACAATGCTAAGCTCTATTTGTGTCC
CAAGCACTCCTAAGCATTATCCCTAACTCTACATCAACCCATGAAGGAGATACTGTTGATTTCCCC
ATATTAGAAGTAGAGAGGGAAGCTGAGGCACACAAAGACTCATCCACATGCCAAGATTCAGTATAGG
GAAAAGTGAAGCGAGATTTGAACCCAGGCTGTTACTCCTAACCTGTCCAAGCCACCTCTCAGACGAC
GGTAGGAATCAGCTGGCTGCTTGTGAGTACAGGAGTTACAGTCCAGTGGGTTATGTTTTTAAGTCTCA
ACATCTAAGCCTGGTCAGGCATCAGTCCCTTTTTTTGTGATTTATTTTGTGTTTTATTTTGTGTTCA
TTGTTTAAATTTTCTTTTACAATGAGAAGGTCACCATCTTGACTCCTACCTTAGCCATTTGTTGAATC
AGACTCATGACGGCTCCTGGGAAGAAGCCAGTTCAGATCATAAAATAAAACATATTTATTCTTTGTCAT
GGGAGTCATTATTTAGAACTACAAACTCCTTGCTCCATCCTTTTTTACATACTCATGACACATG
CTCATCCTGAGTCTTGAAGGATTTTTGAACATGTGTATTAATTATAAGCCTCTGAAAACCTATGG
CCCAAACCCAGAAATGATGTTGATTATATAGGTAATGAAGGATGCTATTGCTGTTCTAATTACCTCATT
GTCTCAGTCTCAAAGTAGGTCTTCAGCTCCCTGTACTTTGGGATTTAATCTACCACCACCATAAAT
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_002467.6](#)

**Summary:** This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini. [provided by RefSeq, Aug 2017]

**Locus ID:** 4609

**MW:** 76.2