

Product datasheet for **MC228866**

Myb (NM_001198914) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myb (NM_001198914) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Myb
Synonyms:	A1550390; c-myb; M16449
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228866 representing NM_001198914
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCGAGACCCCGACACAGCATCTACAGTAGCGATGAAGATGATGAAGACATTGAGATGTGTGACC
 ATGACTACGATGGGCTGCTGCCCAAATCTGAAAAGCGTCACTTGGGGAAAAGTAGGTGGACAAGGGAAGA
 GGATGAGAAGCTGAAGAAGCTGGTGAACAGAACGGAACAGACGACTGAAAAGTCAATTGCCAATTATCTG
 CCCAACCGGACAGATGTGCACTGCCAACACCGGTGGCAGAAAAGTCTGAACCCTGAACTCATCAAAGGTC
 CCTGGACCAAAGAAGAAGATCAGAGAGTCATAGAGCTTGTCCAGAAAATAGGTCCGAAGCGTTGGTCTGT
 TATTGCCAAGCACTTAAAAGGGAGAATTGGAAAGCAGTGTGGGAGAGGTGGCACAACCATTTGAATCCA
 GAAGTTAAGAAAACCTCCTGGACAGAAGAGGAGGACAGAATCATTTACCAGGCACACAAGCGTCTGGGGA
 ACAGATGGGCAGAGATCGCAAAGCTGCTGCCCGGACGGACTGATAATGCTATCAAGAACCACTGGAATTC
 CACCATGCGTCGAAGGTGGAACAGGAAGGCTACCTGCAGGAGCCTTCCAAGCCAGCCAGACGCCAGTG
 GCCACGAGCTTCCAGAAGAAACAATCATTTGATGGGGTTTGGGCATGCCTCACCTCCATCTCAGCTCTCTC
 CAAGTGGCCAGTCTCCGTCAACAGCGAATATCCCTATTACCACATCGCCGAAGCACAAAACATCTCCAG
 TCACGTTCCCTATCCTGTGCGATTGCATGTTAATATAGTCAACGTCCCTCAGCCGGCTGCGGCAGCCATC
 CAGAGACACTATAACGACGAAGACCCTGAGAAGGAAAAGCGAATAAAGGAGCTGGAGTTGCTCCTGATGT
 CAACAGAGAACGAGCTGAAGGGACAGCAGGCATTACCAACACAGAACCACACTTGCAGCTACCCCGGGTG
 GCACAGCACCTCCATTGTGGACCAGACCAGCCTCATGGGGATAGTGCACCTGTTTCTGTTTGGGAGAA
 CACCATGCCACCCCATCTCTGCCTGCAGATCCCAGGCTCCCTACCTGAAGAAAAGTGCCTCACCAGCAAGT
 GCATGATCGTCCACCAGGCACCACTTCTGGACAATGTTAAGAACCTCTTAGAATTTGCAGAAAACACTCCA
 GTTTATAGATTCTGATTCTTCGTGGTGTGATCTCAGCAGTTTTGAATTCCTGAAGAAGCCGGCAGCTTTT
 TCACCTAGCCAGCAGCCACAGGCAAAGCCTTCCAGTTCAGCAAAGAGAGGGCCATGGGACTAGATCTG
 CAGGAGAGCCTAGCCTGAGGGTGACCAGGCGAGTGTGAGCGAGGCATCCCTCGGCCAGACTCACCCCA
 AGCGAGGCACAGCAAGGTTCCGCTGGTCTGCTACGAAAAGGCGGGGCCAGGCCAGCCCTAGCCGCT
 GGAGAGCCTAGCCCTCCCTCTTTGCTGACGTATCAGCTCAACTCTCAAGCGTTCCTGTCAAAGCC
 TACCCTTCTCCCTCGCAGTCTTGAACACTTCCAGCAACCATGAAAGCTCGGGCTTAGATGCACCTAC
 CTTACCCTCCACTCCTCTATTGGTCACAACTGACACCATGTGAGACCAGACTGTGAAAACCCAGAAG
 GAAAATCCATCTTTAGAACTCCAGCTATCAAAGGTCAATCCTCGAAAGCTCTCCTCGAACTCCCACAC
 CATTCAAACATGCCCTTGCAGCTCAAGAAATTAATACGGTCCCTGAAGATGCTACCTCAGACCCCTC
 CCATGCAGTGGAGGACCTACAAGATGTGATTAAGCAGGAATCGGATGAATCTGGAATTGTGGCTGAGTTT
 CAAGAGAGTGGACCACCGTTACTGAAAAAATCAAGCAGGAGGTGGAGTCGCAACTGAGAAATCGGGAA
 ACTTCTTCTGCTCAAACCACTGGGCAGAGAACAGCCTGAGCACCAGCTGTTCTCGCAGGCGTCTCCTGT
 GGCAGATGCCCAAATATTCTTACAAGCTCTGTTTTAATGACACCTGTATCAGAAGATGAAGACAATGTC
 CTCAAAGCCTTACCCTACCTAAGAACAGGCCCTGGTGGTCCCTTGCAGCCATGCAGTGGTGCCTGGG
 AGCCAGCATCCTGTGGGAAGACAGAGGACCAGATGACGGCCTCCGGTCCGGCTCGGAAATACGTGAACGC
 GTTCTCAGCTCGAACTCTGGTCAT**TGA**

AC**CGGCCGC**TCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-NotI
ACCN: NM_001198914
Insert Size: 2268 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001198914.1</u> , <u>NP_001185843.1</u>
RefSeq Size:	3777 bp
RefSeq ORF:	2268 bp
Locus ID:	17863
UniProt ID:	<u>P06876</u>
Cytogenetics:	10 9.75 cM
Gene Summary:	<p>Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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.</p>