

Product datasheet for **MR210150**

Mybl2 (NM_008652) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mybl2 (NM_008652) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mybl2
Synonyms:	B-Myb; Bmyb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR210150 representing NM_008652
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCGGCGGACGCGCTGCGAGGATCTGGATGAGTTACACTACCAGGACGTGGACTCAGACCTCTGG
 AGCAGAGAGACAACAGATGTAAGGTTAAATGGACCCACGAGGAGGACGAGCAGTTGAGGGCCCTGGTGAG
 CGAGTTTGGACAGCAAGACTGGAAGTTCTTGGCCAGTCACTTTCCCTAACCGCACAGACCAGCAATGCCAG
 TACCGGTGGCTGAGGGTTTTGAATCCCGACCTTGTAAAGGGACCATGGACCAAAGAGGAAGATCAAAAGG
 TCATTGAGTTGGTCAAGAAGTATGGCACAAACAGTGGACGCTGATAGCCAAGCACCTGAAGGGCCGGCT
 GGGGAAGCAGTGCCGTGAGCGCTGGCACAACCACTCAACCCGAGGTGAAGAAGTCATGCTGGACCGAG
 GAGGAAGACAGGATAATCTGTGAGGCCATAAAGTCTGGGTAAACCGCTGGGCTGAGATCGCCAAGATGC
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 TGAAGGAGGAGAGCAGCGAGGAGGAGATTGCCATAGCTGCTACTTCTGCTAAAGAAGTCCGACATGAGCC
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 CCCCTGCACAGGGATAAGACACCCTGCACCAGAAGTATCCATCATCAGAAGTACTCCAGATCAGAAGT
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 GCCCTGCCGAGACTCCGCACCTGGAGGAGACTTGAAGGAGGTGCTCCGTTCTGAGGCCGGCATGGAG
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 AGAAGGTCCGCAAGTCTCTGGCTCTCGACATTATGGATGAAGATGGGAAGCTGATGCTCTACCATGCC
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 GGTAACAGCCTGCTCAACCAGGGTTTCTACAGGCCAAACCCGAGAAGGTGGTGGCCGCCAGAAGACTC
 GGAGCCACATTCAACCCCTGCCCTATGACCCATGCCTGGAAGACGGTGGCCTGTGGGGCACCAAGA
 CCAGCTTTCATGCAGGAGAAAGCCCGGACGCTCTGAGCCGCTGAAGTCCAGCCACACATCTCGGACC
 CTCATTCTGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210150 representing NM_008652
Red=Cloning site Green=Tags(s)

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MSRRTRCEDLDELHYQDVSDLLEQRDNRCVKWTHEEDEQLRALVRQFGQDQWFLASHFPNRTDQQCQ
YRWLRVLNPDLVKGPWTKEDQKVIELVKKYGTKQWTLIAKHLKGRLGKQCRERWHNHLNPEVKKSCWTE
EEDRIICEAHKVLGNRWAEIAKMLPGRTDNAVKNHWNSTIKRKVDGTFPAESRDCKPVYLLLELEDKEQ
HQGVQPVDDGGSLVSSWPLVPSIVKEESEEEIAIAATSAKELGHEPVPADLGEVRTPEPPESLKREYQE
FSSPETSLPYKVVVEANLLIPAVGSSLSEALDLIESDPDAWCDLKFDFLPEEPSTEGSVVSSPVQPQTS
QQQEEALQSSQQAATPGPSVTEYRLDGHTISDLRSSRGELIPISPFSTFGGSGIGTPPSVLKRQKRRR
VALSPVTENSASLSFLDSCNSLTPKSTPVKTLPFSPSQFLNFWNKQDTLELESPSLTSTPVCSQKVVVTT
PLHRDKTPLHQKYPSSSEVLPDQKYSMDNTPHTPTPFKNALEKYGPKPLPQTPHLEEDLKEVLRSEAGME
LIIEDDMRPEKQKRKPLRRSPIKVKRSLALDIMDEDGKLMSSTMPKPLSLPTSVPSSCGFTSPGSKE
GNSLLNQGFLQAKPEKVVAQKTRSHIPTPAPMTHAWKTACGGTKDQLFMQEKARQLLSRLKSSHTSRT
LILS
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9033_h09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



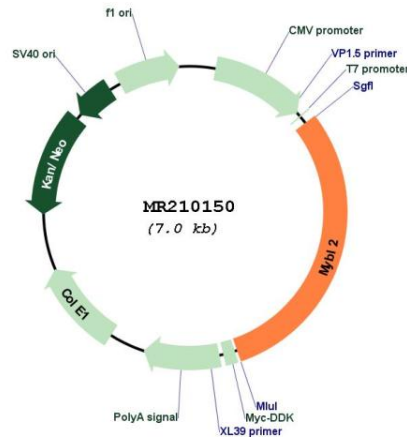
ACCN: NM_008652

ORF Size: 2112 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_008652.2</u> , <u>NP_032678.1</u>
RefSeq Size:	3702 bp
RefSeq ORF:	2115 bp
Locus ID:	17865
UniProt ID:	<u>P48972</u>
Cytogenetics:	2 84.0 cM
MW:	79.6 kDa
Gene Summary:	Transcription factor involved in the regulation of cell survival, proliferation, and differentiation. Transactivates the expression of the CLU gene (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR210150