

Product datasheet for **MR221106**

Mycs (NM_010850) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mycs (NM_010850) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mycs
Synonyms:	MGC151451
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR221106 representing NM_010850
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCAGCTGCACTACATCCACCATGCCCGGAATGATCTGCAAGAACTCAGACCTGGAGTTTGACTTGC
 TGAACCCCTGCTTCTACCGGAAGAAGATGACATCTACTTTGGTGGTCACAACTCGACGCCTCCAGGGGA
 GGACATCTGGAAGAAGTTTGAAGTGTGGCCACCCCGCGATTGTACCTGACAGTGCCTTGGCAGAGCAC
 AGCCTGGAGCCGGTGAAGTGGGCCACGGAGATGCTGCTGCCTGAGGCCGACCTATGGAGTAACCCGGGCG
 AGGAGGAGGTTTTCGGCCAGGGAGGACTCCGCGGCTGCACCAGCAACCCGATCATCTTCAGGACTGCAT
 GTGGAGCGGCTTCTCAACCCGGGAAGCCAGAAAGTGTGGTGAAGCAGAAAGCTGCCAGGGGGCTACCGG
 TCCCTCGCGTCGGCGCAGGCACCTTGGCCCCGGAGCGGCAGCTGCCGCCAGCTCTGCTGGCCATGAGC
 GCAGTGGGACAGCAGGTGTGGGGCTGGGAAAGCAGCCTGGCTCACGGAGCTCTCCACCTGGACTTGA
 GTGTGTGGACCTGCTGTGGTCTTCTTCCAGCGAATAAGCGCGAGCCTATGCCTGTACCCACCATCCCC
 ACCAGCACCGGCTCAGCGATAAGCCTTGGTGACCAACAGGGGCTCAGCAGTTCCTTAGAGGACTTCCTAA
 GCAACTCAGGTTCTGTAGAGGAAGGCGGAGAGGAAATCTATGTGGTCATGCTGGAGGAGACAGTTCTC
 CAAGACTGTCTCCAGGCTCCCCACCGCGCGCATCAGGAGAACGACGCGTGAGTCCCGGGTGCGCGCAG
 TCCAGCGAGCTGATCCTTAAGCGCTACGACCTCATTAGGAGCAACAACTATGCCGCGCCACCGTTGC
 CCTACGTGGACAGGGAGGACGCACGGCTCAGAAGAAGCCAGGAGCCACACTTCGCTAGCCCTCAAATG
 CGTCTTCCGGCCAAAGGCTCCGAGGTGGGATCCCGGAACAACTCAGACTGGGAGAACATCGAGCGTCG
 CGCAACCACAACAGGATGGAGCGCAACGCCGTGACATTATGCGCTCCAGTTTCTGAACCTCAGGGATC
 TTGTGCTGAGCTGGTGCACAATGAGAAGGCCGCTAAGGTGGTCATCTGAAAAAAGCCACTGAGTACAT
 CCACACTCTGCAGGCTGATGAGTCCAAGCTCCTGGTGAAAGGAAGAACTGTATGAAAGACAACAGCAG
 TTGCTACAGAAAAACAACAATATGCTCTGTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221106 representing NM_010850
 Red=Cloning site Green=Tags(s)

MLSCCTSTMPGMICKNSDLEFDLLKPCFYPEEDDIYFGGHNSTPPGEDIWKKFELLPTPRLSPDSALAEH
 SLEPVNWATEMLLEADLWSNPGEIEVFQGGLRGCTSNPIILQDCMWSGFSNPGKPESVSEKLPGGYR
 SLAVGAGTLAPGAAAAASSAGHERSGTAGVGRGKAOWL TELSHLDLECVDPAVFFPANKREMPVPTIP
 TSTGSAISLDHQGLSSSLEDFLSNSGSVEEGGEEIYVVMLEETQFSKTVSRLPTAAHQENAALSPGCAQ
 SSELILKRYDLIQEQHNYAAPLPYVDREDARPQKKPRSHSLALKCVFRPKAPRLGSRNNSDWENIERR
 RNHNRMERQRRDIMRSSFLNLRDLVPELVHNEKAAKVILKKATEYIHTLQADESKLLVERKKLYERQQ
 LLQKIKQYALC

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Chromatograms:

https://cdn.origene.com/chromatograms/mm9075_g03.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_010850

ORF Size: 1293 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_010850.2](#), [NP_034980.2](#)

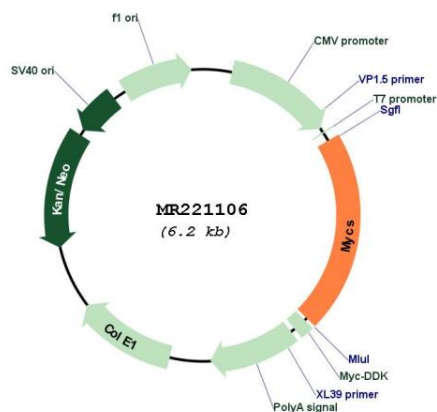
RefSeq Size: 2362 bp

RefSeq ORF: 1296 bp

Locus ID: 17870

UniProt ID: [Q9Z304](#)
 Cytogenetics: X 2.4 cM
 MW: 47.7 kDa
 Gene Summary: Has apoptosis-inducing activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR221106