

Product datasheet for **RR205243**

Meis2 (NM_001107758) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Meis2 (NM_001107758) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Meis2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR205243 representing NM_001107758
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAAAGGTACGATGAGCTGCCCCATTACGGCGGGATGGACGGAGTAGGGTTCTGCTTCCATGT
 ACGGAGACCTCACGCGCGCGCCGATTCCCCCGGTTACCACCTAAACCACGGCCGCCGCTCCACGC
 CACGCAGCACTACGGCGCGCACGCCCGCACCCCAATGTCATGCCAGCCAGCATGGGATCTGCTGTCAAC
 GACGCCTGAAGAGAGACAAGGACGCGATCTACGGGCACCCGTTGTTTCTCTGTAGCGCTGGTCTTTG
 AGAAGTGCAGCTGGCGACTTGCCTCCCGGAAACCCGGAGTGGCCGGCGGAGACGTCTGTTCTCTGA
 CTCCTTCAACGAGGACATCGCGTCTTCGCAAGCAGGTCGCGCCGAAAAGCCTCTTTTTCTCAAAT
 CCAGAGCTGGATAATTTGATGATACAAGCAATACAAGTCTAAGGTTTCATCTTCTGGAGTTAGAAAAGG
 TCCACGAACTGTGTGATAACTTCTGCCACCGGTACATTAGCTGTTGAAGGGGAAAATGCCATTGACCT
 CGTGATTGATGAGAGAGACGGAAGCTCCAAGTCAGATCATGAAGAACTTTCAGGCTCCTCCACAAATCTC
 GCCGACCACAACCTTCACTCCTGGCGAGACCACGATGATGCAACCTCAACTCACTCAGCAGGCACCCAG
 GACCTCCAGCGGGGCCATGCTTCCCAGAGTGGAGACAACAGCAGTGAGCAAGGCGACGGCTAGACAA
 CAGTGTAGCTTCACTGGCACAGGTGATGACGACGATCCAGACAAGGACAAAAACGCCAGAAGAAAAGA
 GGCATATCCCCAAAGTCGCGACAAATATCATGAGAGCGTGGCTCTTCCAGCATCTCACACCCGTACC
 CTTCAGAAGAGCAGAAGAAGCAGTTAGCACAAGACACGGGGTGACAATTCTGCAAGTGAACAACTGGTT
 TATTAATGCCAGAAGAAGATAGTACAGCCATGATTGACCAGTCAAATCGAGCAGGCAACCAAGGAGCA
 GCGTATAGTCCAGAGGGTCAGCCTATGGGGAGCTTTGTATTGGATGGTCAGCAACACATGGGGATCCGGC
 CCGCAGGTTGCAGAGCATGCCAGGGACTACGTTTCTCAGGTTGGTCCAGTGGGAATGGGTATGGCCCA
 GCCGAGTTACACTCCTCCCAGATGACCCACACCCTACTCAGTTAAGACATGGACCCCAATGCATTCA
 TATTTGCCAAGCCATCCCACCACCCAGCCATGATGATGACGAGGACCCCTACCCACCTGGAAATGA
 CTATGTACGACAGAGCCCAATGTTAAATTCTGTAGATCCCAATGTTGGCGGACAGTTATGGACAT
 TCATGCCCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205243 representing NM_001107758
 Red=Cloning site Green=Tags(s)

MAQRYDELPHYGGMDGVGPASMYGDPHAPRPIPPVHHLNHGPPLHATQHYGAHAPHPNVMPASMGSAVN
 DALKRDKDAIYGHPLFPLLALVFEKCELATCTPREPGVAGGDVCSDFNEDIAVFAKQVRAEKPLFSSN
 PELDNLMIQAIQVLRFHLLLEKVVHELCDNFCHRYISCLKGKMPIDLVIDERDGSKSDHEELSGSSTNL
 ADHNPSSWRDHDATSTHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSVASPGTGDDDDDPDKKRQKKR
 GIFPKVATNIMRAWLFQHLTHYPSEEQKKQLAQTGLTILQVNNWFINARRRIVQPMIDQSNRAGNQGA
 AYSPEGQPMGSFVLDGQQHMGIRPAGLQSMPGDYVSQGGPVGMGMAQPSYTPPQMTPHPTQLRHGPPMHS
 YLPSHPHPAMMMHGPPTHPGMTMSAQSPTMLNSVDPNVGGQVMDIHAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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_001107758.1](#), [NP_001101228.1](#)

RefSeq Size: 2815 bp

RefSeq ORF: 1413 bp

Locus ID: 311311

Cytogenetics: 3q35

MW: 51 kDa