

Product datasheet for **RN205243**

Meis2 (NM_001107758) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN205243 representing NM_001107758
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCAAAGGTACGATGAGCTGCCCCATTACGGCGGGATGGACGGAGTAGGGTTCTGCTTCCATGT
 ACGGAGACCTCACGCGCGCGGCCGATTCCCCGGTTACCACCTAAACCACGGGCCGCCGCTCCACGC
 CACGCAGCACTACGGCGCGCACGCCCGCACCCCAATGTCATGCCAGCCAGCATGGGATCTGCTGTCAAC
 GACGCCTTGAAGAGAGACAAGGACGCGATCTACGGGCACCCGTTGTTTCTCTGTAGCGCTGGTCTTTG
 AGAAGTGCAGCTGGCGACTTGCCTCCCGGAAACCCGGAGTGGCCGGCGGAGACGTCTGTTCTCTGA
 CTCCTTCAACGAGGACATCGCGTCTTCGCAAGCAGTTCGCGCCGAAAAGCCTCTTTTTCTCAAAT
 CCAGAGCTGGATAATTTGATGATACAAGCAATACAAGTGTAAAGTTTCATCTTCTGGAGTTAGAAAAGG
 TCCACGAACTGTGTATAACTTCTGCCACCGGTACATTAGCTGTTGAAGGGGAAAATGCCATTGACCT
 CGTGATTGATGAGAGAGACGGAAGCTCCAAGTCAGATCATGAAGAATTTAGGCTCCTCCACAAATCTC
 GCCGACCACAACCTTCACTCCTGGCGAGACCAGTATGCAACCTCAACTCACTCAGCAGGCACCCAG
 GACCTCCAGCGGGGCCATGCTTCCCAGAGTGGAGACAACAGCAGTGAGCAAGGCGACGGGCTAGACAA
 CAGTGTAGCTTCACTGGCACAGGTGATGACGACGATCCAGACAAGGACAAAAACGCCAGAAGAAAAGA
 GGCATATCCCCAAAGTCGCGACAAATATCATGAGAGCGTGGCTCTTCCAGCATCTCACACCCCGTACC
 CTTCAGAAGAGCAGAAGAAGCAGTTAGCACAAGACACGGGGTGACAATTCTGCAAGTGAACAACTGGTT
 TATTAATGCCAGAAGAAGATAGTACAGCCATGATTGACCAGTCAAATCGAGCAGGCAACCAAGGAGCA
 GCGTATAGTCCAGAGGGTCAGCCTATGGGAGCTTTGTATTGGATGGTCAGCAACACATGGGGATCCGGC
 CCGCAGGTTTGCAGAGCATGCCAGGGGACTACGTTTCTCAGGGTGGTCCAGTGGGAATGGGTATGGCCCA
 GCCGAGTTACACTCCTCCCAGATGACCCACACCCTACTCAGTTAAGACATGGACCCCAATGCATTCA
 TATTTGCCAAGCCATCCCACCACCCAGCCATGATGATGACGAGGACCCCTACCCACCTGGAAATGA
 CTATGTACGACAGAGCCCCACAATGTTAAATTCTGTAGATCCCAATGTTGGCGGACAGTTATGGACAT
 TCATGCCCA**ATAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107758
- Insert Size:** 1413 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).
- 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.

RefSeq: [NM_001107758.1](#), [NP_001101228.1](#)
RefSeq Size: 2815 bp
RefSeq ORF: 1413 bp
Locus ID: 311311
Cytogenetics: 3q35