

Product datasheet for **RN209944**

Myef2 (NM_001013205) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myef2 (NM_001013205) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Myef2
Synonyms:	MGC109392
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209944 representing NM_001013205
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGATGCCGACAAGCCCGAGGCGGCCGGGTGACGACGGCCCGCAGCAGCAACCGGCTGAGCCGC
 GCGGAGACCCGCACCCCGCGAGCCGGAGAAACCGCCGCGCAGCAGCGCCAACGGCGTTAAAATGGAGAA
 TGATGAATCAGTGAAGGAAGAAAAATCTGATTTAAAAGAAAAAGTCTACAGGAAATAGAAGGCCAATCGG
 TTTCATCCTTATTCAAAAGATAAGAATTCGGGCACTGGAGAAAAGAAAGTCCAAATCGGAACAGAGTGT
 TCATTAGCAACATCCCCTATGACATGAAATGGCAGGCTATTAAAGATTTGATGAGAGAAAAAGTTGGTGA
 GGTACATACGTGGAGCTCTTTAAGGATGCGGAAGGAAAAATCAAGGGGTTGTGGCGTGGTTGAATCAAA
 GATGAAGAATTTGTAAGAAAGCATTAGAACTATGAACAAATATGACCTTAGTGAAGACCTCTGAATA
 TTAAGAGGATCCCGATGGAGAAAATGCTCGCCGTGCACTGCAGCGAACAGGAACATCATTTCAAGGATC
 ACATGCCTCTGATGTAGGATCTGGGCTGGTGAATTTACCACCTTCCATTGTGAATAATCCAAACATTCT
 CCTGAGGTTATCAACAACCTGACGGCTGGTAGACTTGGTTCACAATTTTGTGCTAATCTTGACTTCA
 AAGTTGGTTGAAAAAACTAAAGGAAGTTCAGCATAGCTGGAAGTGTGAAGCGAGCTGATTTAAAGA
 AGACAAGGACGGCAAGAGCAGAGGCATGGGCACGGTCACTTTTGAGCAGGCAATCGAAGCAGTCCAAGCA
 ATTTCCATGTTCAATGGGCGATTTTTATTTGATAGACCTATGCATGTGAAAAATGGATGACAAATCTGTCC
 CTCATGAAGACTACCGTTCACATGATAGTAAGACATCACAAATACCACGTGGTCTTGAGGCATTGGAAAT
 GGGACTGGGTCCAGGTGGACAGCCAATAGTGCCAGCCAGCTGAACATAACTGGTGTAAATGGGAAATTTA
 GGTCCAAGTGGTATGGGAATGGATGGTCCGGGTTTTGGAGGAGTGAATAGAATTGGAGGAGCGTTGGGT
 TTGGTGGTCTGGAAGCAATGAATAGCATGGCAGGCTTTGGTGGAGTTGGCCGAATGGGAGAGTTGTACCG
 CGGTGCAATGACTAGTAGCATGGAGCGAGATTTGGACGTGGTGAATTTGGATTGAGTCGAGGCTTTGGC
 GACTCCTTTGGTAGACTTGGCAGTGCAATGATTGGAGGTTTTGCAGGAAGAATAGGAGCTTCTAACATGG
 GTCCAGTAGGAACTGGAATAAGTGGCAGCATGAGCGGCATGAGCACCGTACGGGAGGCATGGGAATGGG
 CCTGGACCGCATGAGCTCCAGCTTCGACAGGATGGGGCCAGGCATCGGAGCCATACTGGAAGGAGCATT
 GACGTGGACCGAGGGTTTTATCGGGTCCCATGGGAAGTGAATGAGAGACAGATTAGGCTCCAAGGGCA
 ACCAGATATTTGTTAGAAATCTTCTTTGACTTGACTTGGCAGAAATAAAAGAGAAATTCAGCCAATG
 TGGTCATGTAATGTTGAGAAAATAAGATGGAGAATGGCAAGTCAAAGGCTGTGGGACAGTCAGTTTT
 GAATCCCAGAGTCAGCTGAAAAGGCCTGCAGAATAATGAACGGCATCAAGATCAGTGGCAGGGAATCG
 ATGTGCGCTTGACCGTAATGCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001013205
- Insert Size:** 1776 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_001013205.2](#), [NP_001013223.2](#)

RefSeq Size: 2867 bp

RefSeq ORF: 1776 bp

Locus ID: 679712

Cytogenetics: 3q36