

Product datasheet for **RN217501**

Myrf (NM_001170487) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myrf (NM_001170487) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Myrf
Synonyms:	Mrf; RGD1306622
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217501 representing NM_001170487 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTGGTGGACGAGACCGAAGCGCTGCAGCGCTTCTTGAAGGCCACGACATCAGCGGTGCCCTGG
AGCCCTCCAATATAGACACCACTATCCTGGAGGAGTACATTGGCAAAGAGGACGCCTCTGACCTCTGCTT
CCCTGAGATCTCTGCACCAAGCAGCACTGCCTCCTTCCCCACGGGCCACCGGCCATTCCCGGCTCCAGC
GGGCTCCACCATCTGAGCCCCCTGGGAGCGGACCATCCCCTGGGCGCCATGGCCCCCTCCACCCCCGA
CCTACGGCACCCCACTCAACTGCAACAACAACACGGCATGGGCACCGCCCTAAGCCCTTCTGGGGGG
CTCTGGGCCTCCCATCAAGGCAGAGCCCAAGGCTCCCTATGCCCCAGGCACACTGCCAGACTCGCCCCCA
GACTCAGGCTCTGAGGCCTACTCCCTCAGCAGGTGAATGACCCCATCTTCTGCGCACCATAACCCCGG
AGACGCTCTGCCACGTGGGAGTTCTTCCCGCCTGGAACACCCGCCCCACCTCCAGCTCACTTGCAGG
CCCCCGGCCACCCCGCCTCCCCACCTCACTACCCTGTCTGCAACGGGACATCTACATGAAGGCTGAG
CCCCCTGTACCCCTTATGCTGCCATGGGGCGGGTTGGTGCCCTGAGCTCCACCACACCCAGCAGA
CCCAGGTGCTACAGCAGCTGCTGCAACAGCAGGAGCTGAGCTCCCTCCACACCCCTCTAAGAAGAGGAA
GCACTCCGAATCACCCCAACACCCCTCAATGCCCAATACTGAATGGAATGATCAAGCAGGAACCTGGG
ACTGTCACAGCCTTGCTCCACACCTGCCAGAGCCCCGTCCCTCCGTGGCCTCAGGGCCCACTCTCAC
CTGGCACTGGCTCCTTGCCCTCAGCATTGCCGAGCCAGACTCCACCTGGCACCCACCGGGTGCTCC
CTCCCCAGGCCTCTGCAGGACAGTGATAGCCTCAGTGGCTCCTATTTGGACCCCACTACCAATCTATC
AAATGGCAACCACATCAGCAGAACAAAGTGGGCGACCTATATGATGCCAACTACAAGGAGCTGCCTATGC
TCACCTATCGTGTGGATGCAGACAAGGGCTTCACTTTTCCGTGGGTGACGATGCTTTTGTGTGCCAGAA
GAAGAACCCTTCCAGGTGACCGTGTACATTGGCATGCTGGGCGAGCCCAAGTATGTCAAGACGCCGAA
GGCCTCAAGCCCTGGACTGCTTCTATCTGAAGCTGCATGGAGTGAAGCTAGAGGCTTGAACAGTCTA
TCAACATCGAGCAGTCACAGTCAGACAGGAGCAAGAGGCCCTTCAACCCCGTCACGGTCAATCTTCCCC
TGAGCAGGTCACAAAGGTGACCGTGGGCGACTCCATTTCACTGAGACCACTGCCAACACATGCGGAAG



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AAGGGCAAGCCCAACCTGACCAGAGGTATTTTCATGCTGGTGGTGGCTCTCCAGGCACATGCACAGAACC
 AGAACTACACACTGGCAGCCAGATCTCAGAGCGCATATTGTTTCGGGCCTCTAACCCAGGCCAGTTTGA
 AAGTGACAGTGACGTGCTATGGCAACGGGCACAGCTGCCAGACACCGTCTTCCACCATGGCCGTGTGGC
 ATCAACACCGACCGGCCAGATGAGGCACTGGTTGTCCACGGGAACGTCAAGGTGATGGGGTCGTCATGC
 ACCCTTCAGATTTGCGGGCCAAGGAGCATGTGCAGGAGGTGGACACCACTGAACAGCTGAAGAGGATCTC
 TCGGATGCGGCTGGTACACTACAGATAACAAGCCTGAGTTTCGCTGCTAGTGCAGGCATTGAAGCTACCGCA
 CCGGAGACAGGTGTCATCGCCAGGAAGTGAAGGAGATCCTGCCGGAAGCTGTGAAGGACACGGGGGATG
 TAGTCTTTGCCAATGGGAAAACCATAGAGAATTCTTTGTAGTGAACAAGGAGCGGATCTTCATGGAGAA
 CGTGCGGGCTGTGAAGGAGTTGTGCAAGCTGACAGACAACCTGGAGACTCGCATTGATGAGCTGGAGCGC
 TGGAGCCACAAGCTGGCTAAGCTGCGGCGTCTCGACAGCCTCAAGTCAACTGGCAGCTCGGGCGCTTCA
 GCCATGCGGGGAGCCAGTTTAGCCGGGCAGGCAGTGTCCCTCACAAAAGAGGCCCTTAACTGGCCAA
 TAAGTCATCACCAGTGGTCCCAGATCAGGCCTGCATCAGTCAGCGCTTTCTGCAAGGAATATCATTGCT
 CTGGTGGTGGTATGGCCTTCAGCGTGGTGTCCATGTCCACACTATATGTGCTGAGCCTGCGCTCTGAAG
 AGGACCTGGTGGATGCTGACGGCTCTTGTCCGTGTCCACTTCTGTCTTCTGGCCCTGCTCCGGCCCCA
 GGACCCTGGGGGAGTGTGGCCGTGTGCCATGCAGGTCCAGCCAGAGCTTTGGGACCACACAGCTCCGA
 CAGTCCTCTATGACCACTGGACTACCAGGCACACAGCCGTCTTTGCTGCTGGTTACCAGTTCAGCCTCAG
 GTCCCGCTCTCCGTGCCTTGGACCTGTGCTCCAGCCAGCCCTGCCCATTTGTCTGCTGCTCTACTCCCGT
 CTCCAGTCCTGCTACAGACCCAGCCTTGGCCCATTTGTTACTCTACTCCAAGTCCCAGCCCTAGCCCC
 AACCTAACCCCAAGCACTCAGGCCCTGGCCAGATGGCCCTCTGCCAGTCACCAACATCAGAGCCAAAT
 CCTGGGGCATTTTCAGCTAATGGCATCAGCTATTCCAAACATCCCAAGAGCCTGGAACCTCTAGCCAGTCC
 TGTGGTCCCTTTCTGGAGGGCAGAGCAAGACCAAAACAGCCCGAGCTTCAGTCTCCAAAGTCGCGCC
 CGCAGAGGAGCCCCACAACCCAGCCCAAGCCCTGCCAGTTCACTCAGACCCAGGGCCAGCTAGACCCAG
 TGCCATCCCTGACCTCCATCCAGCTGCTGGAGAATTCCATGCCCATCACCTCCAGTACTGTGTGCCAGA
 GGATGCCCTGCAGGCTTGGAATTCACCTACCACATCCCTGTGACGAGCAGCACACCACTGCACCTCAGC
 CTGACCTGACAGTGAATTCCTCCACCCCTGTGTCCGTGGTACTGTGCAGCCTGATTTTGAAGGAGGAGC
 CCTGTGAGGAGGGAGGCTTTTTCAGACGCTCCACAGCCATCAGGACACCCAGGGCACCTCTCACCAGTG
 GCCAGTAACCATCCTGTCTTCCGTGAATTCACATACCACTTCCGGGTGGCATTGCTGGGTGAGCCGAC
 TGCAGCTCAGAGGCCGCCGTTACGCCGGCCACAGACTACTTCCACTTCTACCGCCTGTGTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001170487
Insert Size:	3429 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001170487.1, NP_001163958.1

RefSeq Size: 5531 bp

RefSeq ORF: 3429 bp

Locus ID: 293736

Cytogenetics: 1q43