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Product datasheet for MC223625

Myrf (NM_001033481) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myrf (NM_001033481) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Myrf
Synonyms:	6030439E18; Gm98; Gm1804; Mrf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223625 representing NM_001033481 Red=Cloning site Blue=ORF TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGGTGGTGGACGAGACCGAAGCGCTGCAGCGCTTCTTCGAAGGCCATGACATCAGCGGTGCCCTGG AGCCCTCCAATATAGACACCAGTATCCTGGAGGAGTACATTGGCAAAGAGGACGCCTCTGATCTCTGCTT CCCTGAGATCTCTGCACCAGCCAGCACTGCCTCCTTCCCCCACGGGCCACCGGCCATTCCCGGCTCCAGC GGGCTCCACCATCTGAGCCCCCCTGGGAGCGGACCATCCCCTGGGCGCCATGGCCCCCTCCCACCCCCGA CCTACGGCACCCCACTCAACTGCAACAACAACAACGGCATGGGCACCGCCCCTAAGCCCTTCCTGGGGGG CTCTGGGCCTCCCATCAAAGCAGAGCCAAAGGCCCCCTATGCCCCAGGCACACTGCCAGACTCGCCCCCA GACTCAGGCTCTGAGGCCTACTCCCCTCAGCAGGTGAATGACCCCCATCTTCTACGCACCATAACCCCGG AGACTCTATGCCACGTGGGAGTTTCTTCCCGCCTGGAGCACCCGCCCCCACCTCCAGCCCACCTGCCAGG CCCACCACCACCGCCACCTCCCCCACCTCACTACCCTGTCCTGCAACGGGACCTCTACATGAAGGCTGAG CCCCCTGTACCCCCTTATGCTGCCATGGGGCCGGGTCTGGTGCCCCCCGAGCTCCATCACACCCAGCAGA CCCAGGTGCTACACCAGCTGCTGCAACAGCATGGAGCTGAACTCCCTCCACACCCCTCTAAGAAGAGGAA GCACTCTGAATCACCCCCCAACACCCTCAATGCCCAAATGCTGAACGGAATGATCAAGCAGGAACCTGGG ACTGTCACAGCCTTGCCTCCACACCCTGCCAGAGCCCCATCCCCTCCATGGCCTCCTCAAGGCCCACTGT CACCTGGCACTGGATCCTTGCCCCTCAGCATTGCCCGAGCCCAGACTCCACCCTGGCACCCGCCAGGTGC ACCCTCCCCAGGCCTCCTGCAGGACAGTGACAGCCTCAGTGGCTCCTATTTGGACCCCAACTACCAATCC ATCAAATGGCAGCCGCATCAGCAGAACAAGTGGGCGACCCTGTATGACGCTAACTACAAGGAGCTGCCTA TGCTCACCTATCGTGTGGACGCTGACAAGGGCTTCAACTTTTCCGTGGGCGACGATGCTTTTGTGTGCCA GAAGAAGAACCACTTCCAGGTGACCGTGTACATCGGCATGCTGGGGGAGCCCAAGTACGTCAAGACACCG GAAGGCCTCAAGCCCCTGGACTGCTTCTATCTGAAGCTGCATGGTGTGAAGCTAGAGGCCCTGAACCAGT CTATCAACATTGAGCAGTCACAGTCAGACAGAAGCAAGAGGCCCTTCAACCCCGTCACGGTCAATCTTCC CCCTGAGCAGGTCACAAAAGTGACCGTGGGGCGGCTCCATTTCAGTGAGACCACTGCCAACAACATGCGC

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AAGAAGGGCAAGCCCAACCCTGACCAGAGGTATTTCATGCTGGTGGTGGCCCTCCAGGCACATGCACAGA
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TCCGTGAATTCACATACCACTTCCGGGTGACATTGCTGGGTCAGGCCAACTGCAGCTCAGAGGCCATCGT
TCAGCCAGCCACCGACTACTACTTCCACTTCTACCGCCTGTGTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033481

Insert Size: 3339 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_001033481.1, NP_001028653.1
RefSeq Size:	5613 bp
RefSeq ORF:	3339 bp
Locus ID:	225908
UniProt ID:	Q3UR85
Cytogenetics:	19 A
Gene Summary:	Myelin regulatory factor: Constitutes a precursor of the transcription factor. Mediates the autocatalytic cleavage that releases the Myelin regulatory factor, N-terminal component that specifically activates transcription of central nervous system (CNS) myelin genes. [UniProtKB/Swiss-Prot Function]