

## Product datasheet for **SC122306**

### **MRF (MYRF) (BC004938) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MRF (MYRF) (BC004938) Human Untagged Clone
Tag:	Tag Free
Symbol:	MYRF
Synonyms:	C11orf9; MRF; Ndt80; pqn-47
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >OriGene sequence for BC004938 edited  
 CCAGACTCGGACTTCTAAGCTTTAAGTGTGGCCAGGAGGTTTCTTCTCCCTGGGAGGGC  
 TTGGCTCCAAGAAGTCCCAGGGCAGCCGAGGCCAGCCCTGCCTGGGTTGGAGAACTGA  
 CTTTGTGCCTTAAGTCTACTCAGTGCCTGGTGAAGCCACCCTCAGCCCTTACAGGCCTG  
 AACCAGTAGGGGCCAGTGGGCCAGGTAAGCCCTAGAGCCTTGAACCAGGAATATCCAGGA  
 AGAGGAAAATCCCTTTGAGCCCCCAGATGGTATTGCAGCTTCACTGCCTGCGTTCCTGGG  
 AGCGTCTGGAGCTCACAGTGATCAGTGACCACATCATTCTCTGAGCAGAGGAGCAGGA  
 ATCCCTCAAGCAGCAGCCTGGTCTTGGCTGGTGGGCAGATGCAAATAGCTTTTGCTGTTA  
 TTAATGAAGTAATTAATAAATGCACTTAAACCAGGGCAGGAAGGAATGGAAGGATGGAGC  
 TAGAAAGCTCAGAGTGGGCCAGAGCAGGGGTGTGACACTTGCAAAGACAGGGCTCTGACT  
 CTGATCCCTCCCAGGGAGCCTCCGACACCCATCCCACTCCCAACCACCAAGACCTGGGT  
 TAGGGAAGAAGTTGTATCTTAAGTGCCACCTTCAAGTTTCTTAGTGGTGCCTGGTGCATT  
 CCGAGGCTACATCCAGGCTCATGGAAGGAGTGTAGTATTCATTTAGCCATGTCTGCCATG  
 GGTCCAGAAATGGGAAAGGAATTGCTGTCCTTGCCTGTGGTATGCTGCCACCTCTTTG  
 GGAAGCAGGCCTTGCCCTGTCCACCACCTCATTCTCAGCTTTGAATGGGAGGCCTTTCT  
 ATAGTGGAGGCCTTTCCTTGAAGCCTATGAACTGCAGGCCCTTTTGCATTGATCTCA  
 AAGCACTTGTCCCTCAGGATAGGGAAGAGCAGGGGGATGCAGGAATAGCAGGGATAGCTTG  
 CTCCCAGCCCCCTCCCAATTTGGTTCGGTTGACATAGGAATTTTACGATTCCCAAACCA  
 TGCAGGGGCTGAGCCTTCTTATGATGACTTTGTTCTCCCTCCCCTGGGGGAATCCTCC  
 CTATGCCTTAAACTGCCAGCCCCACTCCATGTAATAGGATTCTGGGCTTCTCAATG  
 GGGGTTTATGTTCTTGGACTGCGGGCCCTCAGTCTTAACTGGAAAGTGACCGTCCACTG  
 CCCATGGAGCCCATCTGGACACAGCACAGCCCCAAAACCGTTAGCAGCTGGCTGTGTTT  
 CCAAGCTGGGGAGGGTTCCTCAGTGCAGGAGTTGGGACAGGCTGGGGATCCAAGCTG  
 CTTGAGGGGGTCAACCTTGGACCAAAGTTGCCTTAAAGCCTGTGGTAAAAGGGCTTCAGGG  
 AAGGTAAGTGGGCCACCTGCTGGAAGCTGCCAGCTGCCGGCTGGCAATGGTGTGAGTGT  
 CTTGGCCCTGTCCCTGCCCTGGGGTCCAGCAGGTCATCCCTCCCTTCTTCTCTCCTTT  
 GGCGTTTGTCTGTAGTCACTGGGCTAATCTCCCCTAGCTTCAAGCTGTACATAGGGC  
 CTCCCAGTGCAAATCCTCTGCCATACCGTGCACCTTAGAAGCCTGCGTGTGCATAGA  
 GCGCCCCCTACTCCCAGTTAACTCCCAGTTCTTCTCCCTGAGCTTGGTATTTGTCATGT  
 GCCAACTCTGACTCTGAGGTGGCAGTGAGGGAAGCAGCCCCGGGCTGCTTGTCTCCTG  
 TCCCCGAAATGTTGCTTTCTTCTGAAGTAAATATACATATATAAATAAATGTATAAATAC  
 TGCTTTGTATCTGAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for BC004938 unedited  
 NNGAAGTGCGGTACGAATTTGTATACGACTCATATAGGGCGGCCGAATTCGCACGAGG  
 CCAGACTCGGACTTCTAAGCTTTAAGTGTGGCCAGGAGGTTTCTTCTCCCTGGGAGGGC  
 TTGGCTCCAAGAAGTCCCAGGGCAGCCGAGGCCAGCCCTGCCTGGGTTGGAGAACTGA  
 CTTTGTGCCTTAAGTCTACTCAGTGCCTGGTGAAGCCACCCTCAGCCCTTACAGGCCTG  
 AACCAGTAGGGGCCAGTGGGCCAGGTAAGCCCTAGAGCCTTGAACCAGGAATATCCAGGA  
 AGAAAAAATCCCTTTGAGCCCCCAGATGGTATTGCAGCTTCACTGCCTGCGTTCCTGGG  
 AGCGTCTGGAGCTCACAGTGATCAGTGACCACATCATTCTCTCTGAGCAGAGGAGCAGGA  
 ATCCCTCAAGCAGCAGCCTGGTCTTGGCTGGTGGGCAGATGCAAATAGCTTTTGCTGTTA  
 TTAATGAAGTAATTAATAAATGCACTTAAACCAGGGCAGGAAGGAATGGAAGGATGGAGC  
 TAGAAAGCTCAGAGTGGGCCAGAGCAGGGGTGTGACACTTGCAAAGACAGGGCTCTGACT  
 CTGATCCCTCCCAGGGAGCCTCCGACACCCATCCCACTCCCAACCACCAAGACCTGGGT  
 TAGGGAAGAAGTTGTATCTTAAGTGCCACCTTCAAGTTTCTTAGTGGTGCCTGGTGCATT  
 CCGAGGCTACATCCAGGCTCATGGAAGGAGTGTAGTATTCATTTAGCCATGTCTGCCATG  
 GGTCCAGAAATGGGAAAGGAATTGCTGTCCTTGCCTGTGGTATGCTGCCCCCTCTTG  
 GAAGCAAGCCCTGGCCCTGTCCCAACACTA

**Restriction Sites:** Please inquire

**ACCN:** BC004938

<b>Insert Size:</b>	1833 bp
<b>OTI Disclaimer:</b>	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).
<b>RefSeq:</b>	<u><a href="#">BC004938.1</a></u>
<b>RefSeq Size:</b>	2038 bp
<b>Locus ID:</b>	745
<b>Gene Summary:</b>	This gene encodes a transcription factor that is required for central nervous system myelination and may regulate oligodendrocyte differentiation. It is thought to act by increasing the expression of genes that effect myelin production but may also directly promote myelin gene expression. Loss of a similar gene in mouse models results in severe demyelination. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]