

## Product datasheet for **SC212698**

### MSC (NM\_005098) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MSC (NM\_005098) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MSC  
**Synonyms:** ABF-1; ABF1; bHLHa22; MYOR  
**ACCN:** NM\_005098  
**Insert Size:** 1131 bp  
**Insert Sequence:** >SC212698 3'UTR clone of NM\_005098

The sequence shown below is from the reference sequence of NM\_005098. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GCCAACAGACTATGTGGAACCACCGCTTAAATCGGACTGGAACACTCACTTGTATGGATTATTCGTTAAAT
GCGAGTGTTTGGGGCCACGGAGAGAAGGGAGAGCTCGTGAGATGGGAAGAAGTTTCCGCTGGATTCTC
CTTGACCCCTTCCCTTTCCCTGGAAGTGTGATCGTGACAGGTGGCGGGTGTGGCTGTCACTGCACAGCG
CCCACGGCTACAGCTGCGCCGATCTGGGCGACCACGTTTTGCCTCTCCAAAAAGAGCTTCTTTTCGTG
ACGAGACGCGGACGCAGGTCCACCCTCGGGCCCTAGCTCTGTAGACTAACTCTCGGCTGCTGCCACGC
CCGCGCCAGACAGCCACGGATCCGTTCTCAGCGGAGCCAGATTCATCGCACACGTGCGGGACGGTTCC
ACACAGCCCCGGCCTTTCGCGGTGACACAATGGTTAGGGAACGGTTAGAACGCGCTCTACATCCGCTTT
AAAGACAGAGGTCTAGACGTGAGATCCGCGTCGGGACAGGGTTTTAAGTGACAAAGAAGGGCGAGTGGC
TTCTCTGGGCCGGTTCGTACTCCAGCACAGCCCTTCTAACGGGCGGGAGGAAGGCCGCTGCTCGCA
GGGCTAGGTGGAGACACACTTCCAGATCACCGCAGGCGGGTTTTACCCGGAGAGCTCTGGGCCGTTTCG
GCCTCCCTGCCGGTGGCTTCTTCAATCCCGTCTCCTTCCCAAGCTCCCGGCTTTTTCTAATCAGGCAG
CGGTCTGTCAACCCTCTCCACTTCTGGGCTGAAGCCTCCCAAGCCCCGCTGCGCCAACCTGTGTGGGG
TCTTCTCGGGCCTCCCTCTCCGCCCGCTCCTGCTCCTACCTGCAGACCCCCAGCTCCGACTCCAGA
CTCTCTGCATCAGGTCTCCCACTCCACGCTCCGGGCGCCCCAACTCCAACACCAGTCTGCCGCGCA
GGTTCTTCCCGCGCGGAGGAGCGCGCAGGGTGGGCGGCTTACCATAGCAAGTGATCCTGCGATAGGGA
ACGCGCCCTTGCCCGAGGCTGCACTACCACAGGAAATAACATATGTAATAAATTTATTTTTTTATGA
ATAATAAAACGCGCTGTAAAAACCGTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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|------------------------|--|
| <b>OTI Disclaimer:</b> | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).   |
| <b>Components:</b>     | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.   |
| <b>RefSeq:</b>         | <a href="#">NM_005098.4</a>  |
| <b>Summary:</b>        | The protein encoded by this gene is a transcriptional repressor capable of binding an E-box element either as a homodimer or as a heterodimer with E2A in vitro. The encoded protein also forms heterodimers with E2A proteins in vivo. This protein is capable of inhibiting the transactivation capability of E47, an E2A protein, in mammalian cells. This gene is a downstream target of the B-cell receptor signal transduction pathway. [provided by RefSeq, Jul 2008] |
| <b>Locus ID:</b>       | 9242   |
| <b>MW:</b>             | 39.9   |