

## Product datasheet for MC206760

### Nfe2l1 (BC047283) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nfe2l1 (BC047283) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nfe2l1
Synonyms:	NRF1, LCR-F1, TCF-11, TCF11, Lcrf1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

#### Fully Sequenced ORF:

>BC047283  
 CTTCAGCAATGCTTTCTCTGAAGAAATATTTAACGGAAGGACTTCTCCAGTTCACCATCCTGCTGAGTCT  
 GATTGGGGTTCGGGTGGACGTGGATACTTACCTGACCTCACAGCTCCCCCTCTCCGGGAGATCATCCTG  
 GGGCCAGCTCTGCCTATACCCAGACCCAGTTCACAACCTGAGGAATACCTTGGATGGCTATGGGATCC  
 ACCCCAAGAGCATAGACCTGGACAATTACTTCACTGCCCGGGCGGCTCCTTAGTCAGGTGAGGGCCCTGGA  
 TAGGTTCCAGGTGCCTACCACTGAGGTCAATGCTTGGCTGGTCCACCGAGACCCGGAGGGGTCTGTCTCT  
 GGCAGCCAGCCAACTCAGGCCTCGCCCTCGAGAGTTCAGTGGCCTCCAAGATGTGACAGGCCAGACA  
 ACGGGGTGAGAGAAAGCGAAACGGAGCAGGGATTCCGGTGAAGATTTGGAGGACCTGGGGGTGTAGCCCC  
 TCCTGTGAGTGGAGACTTAACCAAAGAGGATATAGATCTGATTGACATCCTTTGGCGACAGGATATTGAT  
 CTGGGGGTGGGGTGGAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT  
 AAGATGGACGAGAACGAGAGGACACCTGGTCAGGCGAGGGTGCAGGAGCTCTGGCCCGAGACCTGCTAGT  
 AGATGGAGAGACTGGGGAGAGCTTCCCTGCACAGTTCACAGCTGACGTTTCCAGCATCCCAGAAGCAGTG  
 CCTAGTGAGAGTGAGTCCCCCGCCCTTCAAGACAGCCTTCTATCTCTCTCTGACGGGGACAGAATCAC  
 CATTGATTTGGAACAGCAGTGGCAAGATCTCATGTCCATCATGGAATGCAGGCTATGGAAGTAAATAC  
 ATCAGCAAGTGAGATTCTGTACAATGCCCTCCTGGAGACCCCTTAGCACCAACTACAGCCTTGCAACC  
 AACACTCCCATCAATCAGAATGTCAGCCTGCATCAGGCGTCCCTGGGGGGCTGCAGTCAGGACTTCTCCC  
 TCTTCAGCCCCGAGGTGGAGAGCCTGCCTGTGGCTAGCAGCTCCACACTGCTTCCACTCGTCCCCAGCAA  
 CTCCACAGTCTCAACTCCACCTTTGGCTTACCAACCTAGCAGGGCTTTTCTTTCCATCCCAGCTCAAT  
 GGCACAGCCAATGACACATCAGGCCCTGAGCTACCTGACCCCTTGGGGGCTGTTAGACGAAGCTATGC  
 TGGATGAGATCAGCCTGATGGACCTGGCCATTGAGGAGGGCTTCAACCCGGTGCAGGCTTCCAGCTCGA  
 AGAGGAGTTTACTCTGACTCAGGCCTCTCCTTGGACTCCAGCCATAGCCCTTCTCTCTGAGCAGCTCT  
 GAAGGGAGCTCTTCTTCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCTCCT  
 CTGAGGAGGGTGTGTTGGTTACAGCTCTGACTCTGAGACCCTAGACCTAGAAGAGGCTGAGGGTGCAGT  
 GGGCTACCAGCCGAATACTCCAAGTTCTGCCGATGAGCTATCAGGATCCTTCTCAGCTCTTTGCCTT  
 CCCTACTTAGAGCATGTGGCCACAATCATACATAAATATGGCACCCAGTGCCTTGGACTCTGCTGATC  
 TACCACCACCCAGCACCTCAAGAAAGGTAGCAAGGAAAAGCAGGCTGACTTCTGGACAAGCAGATGAG  
 CCGAGATGAGCACAGAGCCCGAGCCATGAAGATCCATTACCAATGACAAGATCATCAACTGCCTGTA



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GAAGAATTCAATGAGCTGCTGTCCAAATACCAGCTGAGCGAGGCCAGCTCAGCCTCATCCGGGATATCC  
GGCGCCGGGGCAAAAACAAGATGGCTGCACAGAAGTCCGCAAGCGCAAGTTGGACACCATCCTAAACCT  
AGAACGTGATGTGGAGGACTTGCAGCGAGATAAGGCCGATTGCTTCGAGAAAAGGTAGAGTTCTTCGG  
TCTCTGCGACAGATGAAGCAGAAGGTCCAAAGCTTATACCAGGAGGTGTTTGGGCGGCTGCGGGATGAGC  
ATGGGAGGCCCTACTCACCCAGTCAGTATGCCCTCAGTATGCTGGGGATGGCAGTGTCTCCTCATTCC  
TCGCACGATGGCTGACCAGCAGGCTCGCGACAGGAGAGAAAAGCCAAAGGACCGGAGGAAGTGGCCTGG  
GGAGGCAGGGGGTGGACGCTCACTAAGACCGAACTGGAGAAGGGCTGGGCTGGACCTAACATTGGGGA  
CTTAAATGCCTTCTTATCCAATATATCTTCTCAGATGGGATGACTGCGGGTCAGTGCACCGAAGAGGCGG  
GCGCAGGCGCTGTCTGGCTCAGCTGCCCTTGGGGTGGGCGAGGAGACCAGACTGCTTGGGTGATTGG  
GGTCCCCAGCCTATTCCCTTCTCTTGAGGGGAGGGTAGTGTGCGCATGCTGGAAGTAGAGGAGCTGTGT  
GGAGTGAAGGAGAGAAAGTGTGGGAGATCTCATTGCTGGAAGGAGAAAAGGAAGGAATCCCCGAAAATC  
AAAGCAGTCAGAAAAACCAGAGCGACTGTTAAGGGCTTTGGCCAGCTTTCTAGGCAGCGAGTGCAGGTGA  
CAACGGTGGTCTAGGGAGAGTTACTGGTATGGAACACAGACATGGCGGGGCCCGAAGGCCCTTTGTAAC  
TGTTTCTTCAACTCTTGATCCCTGAAGGGAAGATGCTCTTGATGCACCTGTAATATCTTAGTTACTGA  
ATGGGAAGCTGTAGGGGCCGAGGAGGGCAGAGGGTATAGGAAGTGAGAACGAGGCCTGTGTGCGCAGCAGC  
CCAGCATCAAGCATGTACACACTGCCCTGCCACAGCCACCTCCCTCCCTGGCCATCCCAGAGCCGAGGC  
TCCCAGTGTCTCAGAGAGCCTGCATGGAATGCTGTCTCTTCCACTCTCTCCTCTTTTTGATACCCA  
CCCTCACTAGCTGCCTCCAGCTCTGGAGTGGGGTGTATTCTGGCAGTATCTGGAAGTGGCCTACAGCT  
TCCTCTGCAGGGTCTAAACAGGGAAGGCACGTGTGGAGGAGTGGTCCCAGTGACATCCAGGCACCATTC  
GCACAACACTGGGAAGTATTCTTCCCTCAGGCCCTCTGCCTACCAACACTGGGCTCCTCACTGGGGG  
AAACAAAAGCCTATAAACCCAGCAACAAAACCTAGTCTCTTAGACGTTCTTGCCTTTGATTTTTTTA  
GGGCGTGTGCCCTGTTACACTTATAGGGCTAGGATGCTTGTGTTGAGTAAAAAGGAGATGCCCAATAT  
TCAAAGCTGCTAAATGTTCTCTTTGCCATAAAGACTCCGTGTTAACTGTGTAACACTTGGGATTTTTCT  
CCTATGTCCCGAGGTCTGGTCTTGATTTCTTTTTGGGTTTCTTTCTAGGAAAATGAGAAGTGCATGCAA  
GGGCGAGGAGATGACCCTCCCTAGGCTTTCAGCTTTCAGGCAGCTTCTTACAGCCTGTTGAGCCTGGG  
TCCTGGAGGACAGCCCTGGGGGAGGCAGTGGGGGAGCGCAAGATAGCCAGGTGGTGGTTCCAGGAC  
CACAGTGTCTTTTTTTGTTGTTGGTTTTTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTTAACTGCCACTG  
CCGCCCTGACCCCAATCTTGGTCAGCTCTGGAGTACTGCCTGCCCGAGCAGCAGGGGTTGGGGG  
GAGCACTGATCCTCCTCCCTGGGAGGGCAGAGGGCTTTCCTAACCGAGCAGTAGGGATAGAAAGCGTGA  
GCCTGGGAGTGTTTTTATAAATTATTTTCCTTGTAGATTTTATTTTAAATTTATCTCTGTGACCTGCCA  
GGGAGAGGAGAGAAAAGAAATGCTGTGAGCACATGACAAAATAAAATCAAATAAAATGGAIAAAAAAAAAA  
AA

- Restriction Sites:** RsrII-NotI
- ACCN:** BC047283
- Insert Size:** 2226 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:** [BC047283](#), [AAH47283](#)

**RefSeq Size:** 4026 bp

**RefSeq ORF:** 2226 bp

**Locus ID:** 18023

**Cytogenetics:** 11 60.12 cM

**Gene Summary:** This gene encodes a protein that is involved in globin gene expression in erythrocytes. Confusion has occurred in bibliographic databases from the use of NRF1 for this gene, NFE2L1, and for "nuclear respiratory factor 1" which has an official symbol of NRF1. [provided by RefSeq, Jul 2008]