

## Product datasheet for **SC216987**

### **NRF1 (NM\_005011) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	NRF1 (NM_005011) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NRF1
Synonyms:	ALPHA-PAL
ACCN:	NM_005011
Insert Size:	1925 bp



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**Insert Sequence:** >SC216987 3'UTR clone of NM\_005011  
The sequence shown below is from the reference sequence of NM\_005011. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTGTGGAGGTGGTGACATTGGAACAGTACATACAGCCATATTATGGCATCGTTTTCTAGTCTACTTC
AAAATTTTTTACACGTTTTGCAGAGGTGCAATCAAATGGAATTAAGTCTCTCGACTTTGGAAGGAAAGTT
TTGTTAACCTTTTTTTTTTAAAAGGAAGAAAGCGGATTTTGAATTGCATTTTTTAAAGCACCCTCT
TGATTTTCTGGGATTGGTGAAGAACTGCATTGTCAATTTCACTGTCCCAAAAAGCCAAATTTGGGCA
GGACTTCTTTCTGCGAAATGTGTGTATACTTATGTGTGTATGTGTGAGTGAATATATGTATA
TGTGTACATATGGACATACATTTACATATATATAAAGTATATATACATATATATATATATATG
TATGAAACCCGCATGGAATTATCTGTATGAAATCAAGGTGCGCTGTGAAACAATAATTCACCCAGTTT
AGTGGGTGGTAGGTACGTGGCCAGACACAGTACCCAGTTTTTGTTCATACCAGGGTCATGCGTTGAG
CTACTGACAAACTCAGGCGGAGGTGACCATGCCCTTACCCAAAGCTGCCTCCAGTGGCCACACAGAAC
TCTCCCTGCTGGACTCACCTGAGGAAAGAGGCTCCAGCATGGGGTGGGTGAGAGATGTGCTTGAAGGT
CCAGGGACTGCGTGGTCTGCCAGCTGAGATGCTCCTCGGGCTGGCCAGGTGCTGACCTTCCACAGGC
AGATGAATGTCTTGAAAGCTCCCGGGCCTCAGCCTCCCATCTCCTCTCCTTCCAGGAATCCTTGATCT
CATGACTATTAATGTTGCTCTGGTTTTAAGGTGAGTCTGAATTGCTCGTATATGAAGTGAAGGT
AACCGAAGTATTAGGGGTTTGGAGAGTGCCTGCGTGAAGTGTGCTTGTGTGTGCGTGCATGGTGGG
GGAGAGGATGGGAAGGGGGCGGGGCGAGTGAAGGAAAGGAAGGAAAGAAAAATCGTCTAGACCAGG
ATACACCCGTGGGAGCAATTTTCTACTGTCTGTAGCTTACAGAGGAGGCGCTGGAATGAACAAGAA
GAGACATCTGGTCTGTGCGCCACAGCACCTGAACGCCCTGATCTTGTGTGATCTTGAAGCTAAGCTT
GGTTGGGCCCGGTGAGTACGCGGAAGGGAAGAAGGGACACCTGGCCATAGAAAACAGCTGAGGGTGT
GCTGTGTTCTGGATCAGGCCCTGCTTCAAGGGACTCCTGGAGGCCATGTTCTTGTGCAACCTC
GTGGCCAGGCCGGGAGCAGCTTGCCTCCTCAGAGGTGTTGACTATCTGGGTGTTCTTGGTAACCGTTA
ACTCTGTCTTTCTCAGCTGCAAGCCCTGAGTCTCCAGTAGCTGAATTCACCTGACTTTTCAACAGGCCA
AATCTCTGAACCTTGAGTACAGGGACAGCTCCTCCTCCCTCCTCCAGCTCTCCCATGTGTGTGATGG
TGTATTTAATGTGTTTTTAAATGCGACATTAAGATTCTCCAGTCTTGTCAACCTTTGAGAGAAG
TTTCAGATCTTGTATTTGCTTGTATATAAACTATCTAATGTTCTTTATATGTTCTTTTCTGTAC
GTAAATGGGGGAGGGGAGGAAATTTACATATAAATAGTCTAGTCTACAATTTGTTATTTTTTAAAT
TATTATTTTTATCGTCATTGTGAAGTTGTCCAGGGACTTTAAAGTCCATGTTTCTTTGTGGTGAATA
ACCTCAAATAGTTTGAAGTTGCCAAGCAAGAAAAAGCAAAACCCAGTAGCAGAGCATGGATT
CTGTGTTGTTCCATTCTGTCTTTGACTGCCTCATTCAATAAATAGTTAAAAATGTGGCAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** 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).

**Components:** 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.

**RefSeq:** [NM\\_005011.5](#)

**Summary:**

This gene encodes a protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. The protein has also been associated with the regulation of neurite outgrowth. Alternative splicing results in multiple transcript variants. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for "nuclear factor (erythroid-derived 2)-like 1" which has an official symbol of NFE2L1. [provided by RefSeq, May 2014]

**Locus ID:**

4899

**MW:**

71.7