

## Product datasheet for **SC216988**

### **NRF1 (NM\_001040110) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	NRF1 (NM_001040110) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NRF1
Synonyms:	ALPHA-PAL
ACCN:	NM_001040110
Insert Size:	1925 bp



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**Insert Sequence:** >SC216988 3'UTR clone of NM\_001040110  
 The sequence shown below is from the reference sequence of NM\_001040110. 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
GCTGTGGAGGTGGTGACATTGGAACAGTGACATACAGCCATATTATGGCATCGTTTTCTAGTCTACTTC
AAAATTTTTTACACGTTTTGCAGAGGTGCAATCAAATGGAATTAAGTCTCTCGACTTTGGAAGGAAAGTT
TTGTAACTTTTTTTTTTTTTAAAGGAAGAAAGCGGATTTTGAATTGCATTTTTTAAAGCACTACTCT
TGATTTTCTGGGATTGGTGAAGAACTGCATTGTCAATTTCACTGTCCCAAAAAGCCAAATTTGGGCA
GGACTTCTTCTGCGAAATGTGTGTATACTTATGTGTGTATGTGTGAGTGTGAATATATGTATA
TGTGTACATATGGACATACATTTACATATATAAAGTATATATACATATATATATATATATATG
TATGAAACCCGCATGGAATTATCTGTATGAAATCAAGGTGCGCTGTGAAACAATAATTCACCCAGTTT
AGTGGGTGGTAGGTACGTGGCCAGACACAGTCAACCCAGTTTTTGTTCATACCAGGGTCATGCGTTGAG
CTACTGACAAACTCAGGCGGAGGTGACCATGCCCTTACCCAAAGCTGCCTCCAGTGGCCACACAGAAC
TCTCCCTGCTGGACTCACCTGAGGAAAGAGGCTCCAGCATGGGGTGGGTGAGAGATGTGCTTGAAGGT
CCAGGGACTGCGTGGTCTGCCAGCTGAGATGCTCCTCGGGCTGGCCAGGTGCTGACCTTCCACAGGC
AGATGAATGTCTTGAAAGCTCCCGGGCCTCAGCCTCCCATCTCCTCTCCTTCCAGGAATCCTTGATCT
CATGACTATTAATGTTGCTCTGGTTTTAAGGTCACTCTGAATTGCTCGTATATGAAGTGAAGGT
AACCGAAGTATTAGGGGTTTGGAGAGTGCCTGCGTGAAGTGTGCTTGTGTGTGCGTGCATGGTGGG
GGAGAGGATGGGAAGGGGGCGGGGCAGTGAAGGAAAGGAAGGAAAGAAAAATCGCTTAGACCAGG
ATACACCCGTGGGAGCAATTTTCTACTGTCTGTAGCTTACAGAGGAGGCGCTGGAATGAACAAGAA
GAGACATCTGGTCTGTGCCACAGCACCTGAACGCCCTGATCTTGTGTGATCTTGAAGCTAAGCTT
GGTTGGGCCCGGTGAGTACGCGGAAGGGAAGAAGGACACCTGGCCATAGAAAACAGCTGAGGGTGT
GCTGTGTTCTGGATCAGGCCCTGCTTCAAGGGACTCCTGGAGGCCATGTTCTTGTGCAACCTC
GTGGCCAGGCCGGGAGCAGCTTGCCTCCTCAGAGGTGTTGACTATCTGGGTGTTCTTGGTAACCGTTA
ACTCTGTCTTCTCAGCTGCAAGCCCTGAGTCTCCAGTAGCTGAATTCACCTGACTTTTCAACAGGCCA
AATCTCTGAACCTTGAGTACAGGACAGCTCCTCCTCCCTCCTCCAGCTCTCCCATGTGTGTGATGG
TGTATTTAATGTGTTTTTAAATGCGACATTAAGATTCTCCAGTCTTGTCAACCTTTGAGAGAAG
TTTCAGATTCTGTATTTGCTTGTATATAAACTATCTAATGTTCTTTATATGTTCTTTTCTGTAC
GTAAATGGGGGAGGGGAGGAAATTTACATATAAATAGTCTAGTCTACAATTTGTTATTTTTTAAAT
TATTATTTTTATCGTCATTGTGAAGTTGTCCAGGGACTTTAAAGTCCATGTTCCCTTTGTGGTGAATA
ACCTCAAATAGTTTGAAGGTTGCCAAGCAAGAAAAAGCAAAACCCAGTAGCAGAGCATGGATT
CTGTGTTGTTCCCACTTGTCTTTGACTGCCTCATTCAATAAATAGTTAAAAATGTGGCAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_001040110.2](#)

**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