

## Product datasheet for **SC207628**

### NCF2 (NM\_001127651) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NCF2 (NM\_001127651) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NCF2  
**Synonyms:** NCF-2; NOXA2; P67-PHOX; P67PHOX  
**ACCN:** NM\_001127651  
**Insert Size:** 586 bp  
**Insert Sequence:** >SC207628 3'UTR clone of NM\_001127651  
 The sequence shown below is from the reference sequence of NM\_001127651. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATTTGGAAAGCACTCGGAGAGAAGTCTAGGATGTTTACAAACTACAAAGCTGAAGAAAATGAAGCCC
TATTACTGTTTGTAAAGATTTAGCACCTTCTGCTGTATACTGTACTGAGACATTACAGTTTGGAAAGTG
TTAACTATTTATCCCTGTAAAATTTAACCTACTAGACAATGATGTGAGTACCCAGGATGATTTCCCTG
GGGCACAGTGGGTGAGGAGATGGGGACAGGTGAATGGAGGAGTTAGGGGAGAGGAAAAGTGGATGGAAG
TGTCTGGAAAGGGCACGAGAGAGTCTTCCAGGACTGATCCTGTTTCTTGTCTGAGTGCTAGCTAGCC
AGCTGTGTTTCACTGTAAACATTCATCAAGCTGTACATTTGGTGCACCTTTCTGTGTCATACCACAAT
AAAAAAAAACCTAGCATCTTACAAAAACAAGACACCCAAGTCCAGGCCAAGGAGTAAGTACAAATATT
CCTGTTTCTGAACCATTACTGTAATTGGCTCTTAAGGCTTGAAGTAACCTTATAGTTACTCATAAGGC
ATATACAATAAACTTGTGTTTCTTTTTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM\\_001127651.3](#)

**Summary:** This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2010]

**Locus ID:** 4688

**MW:** 22.1