

## Product datasheet for **SC203081**

### NF2 (NM\_181831) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NF2 (NM\_181831) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NF2  
**Synonyms:** ACN; BANF; merlin-1; SCH  
**ACCN:** NM\_181831  
**Insert Size:** 514 bp  
**Insert Sequence:** >SC203081 3'UTR clone of NM\_181831  
 The sequence shown below is from the reference sequence of NM\_181831. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCCAAGGCAGAAGACCTATCTGCATTGAGCCCTCAAACCTCCTCTCCATAGGCTGAGCAGAGATGTG
GTCAGAGTGAACACATTGGAACAGTACACTCACGGCACCTGGAGAGGAGCGGTCACTGGTTGCTGA
GTGAATTAACCGAATGTTTGCTGCTTTTCTCTGCAACAGTTCATTATTCTCCAGCATGCCTAGGCAG
TGGAGAGAATGTATTTGCCAATAATAAAATGACATCCTGCCTCTACTTCTCACCTAATCCCCAGTAG
TACCCATGCCAACAAGCCCCACACCACCTGACAGCAGCATAGGATGTGTCTTTGGAGTCTTCCCTGCA
GTTTCTGCTCATAGAGTGAATAAGCTCATTGGAACCTTTCTAACAAAAAGAGATCTGGCATAAGATAG
ATCCTACTTGTGGTCGTTATCCCATCAAGAGAGGTCAGCTGTTAAAGTCCCTGATAGATCTTATTAATA
GGTACACTTGAGCTGTCAGTGGTTCCAAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_181831.3](#)



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**Summary:**

This gene encodes a protein that is similar to some members of the ERM (ezrin, radixin, moesin) family of proteins that are thought to link cytoskeletal components with proteins in the cell membrane. This gene product has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics and proteins involved in regulating ion transport. This gene is expressed at high levels during embryonic development; in adults, significant expression is found in Schwann cells, meningeal cells, lens and nerve. Mutations in this gene are associated with neurofibromatosis type II which is characterized by nervous system and skin tumors and ocular abnormalities. Two predominant isoforms and a number of minor isoforms are produced by alternatively spliced transcripts. [provided by RefSeq, Jul 2008]

**Locus ID:**

4771

**MW:**

19.1