

## Product datasheet for **SC217200**

### **NKAIN1 (NM\_024522) Human 3' UTR Clone**

#### **Product data:**

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | 3' UTR Clones                         |
| Product Name:             | NKAIN1 (NM_024522) Human 3' UTR Clone |
| Symbol:                   | NKAIN1                                |
| Synonyms:                 | FAM77C                                |
| Mammalian Cell Selection: | Neomycin                              |
| Vector:                   | pMirTarget (PS100062)                 |
| ACCN:                     | NM_024522                             |
| Insert Size:              | 1988 bp                               |



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**Insert Sequence:** >SC217200 3'UTR clone of NM\_024522  
 The sequence shown below is from the reference sequence of NM\_024522. 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
CAGCTGCAGCCTCTGTACACGTCGGGGTAGCCTCTGCCCGCGCCACCCCGCGCCTCGCCCTGGGCT
GACCGCAGCTGCCGCGAGCTCGGGCCAAGGCGCAGGCGTGTCCCCTGGTGGCCCGCGCCTCACTGCA
GCCTGTGCCAACCCCGGTCTGCATCTGGAGATGCGGACTTGGACGTGGACTTGGACTTGGACTTGGAA
TTTGAGCTTGGCTCTTCGAGCCCGACTTCGGAGGAGTGGGCGGGGGGGGAGGGGACCCACGGGT
TTTTTGTTTTTTGTGTTTTTAAATCTCAGCCTTGGCGTGAGCTGGGGCCTTCTCTCTTCTCCA
GCCTCTCCCTTCACTCTCACCAGCATCTGCCCCCTGTCCAAAACAGCAGGACATCAGACCCAT
CCCATCCACCACACTCACTCACCAGCTCTGGGAAAGCTACTGTGAAGTGGAGCAGGATTCTGGGT
TCTAATCGCAGGTCCATCACTGACTGTGACGTCTAGCAAAGCCCTGCCCTCTCTGAGCCTCGGTTTCC
GCACCTCAAGTAATTAATCCCTTAGCAAATGGACTCTTTTAGACTTCTCATTTAACTCAATTCCTGAG
CTAGACTGGGATTAATAATCTCATTGTCAGTACATTAATAACTGAGGCCAGAGATGTGATTGCTTGA
GGCCACACAGCTAGATTTTTGGTGAAGTGGGCCTTGAACACAGTGTACTTTCTGCAATTTGACTGT
AAAACCCAGTGTCTGCTCTCTGAGTTCCATTTCCAAGCCCCCTCCATCTGGACCTATGTGGTCTCCA
CCATATTCACACACCACCACCACACTTGCATGCTCTCTTAAAGCAATATACCCATTCGTTCTCTT
ATTGGAACTGGATGGATGAAGCCCAAATTCAGCCCCACCCACAGAGAAGCCTTCTACACTCAGCCT
CTGTCCACCCTTGGCAAATCTTCAAGCTCTCTCTCCAGGAAAGTGGGGCCCAACTCAGTCACTCCA
CCCCCTTCCAGTCCCTGAGGCTGGTTCTACTGTATCCCATCACCTCCACAACCTCACCCTGACCCGTA
CGGCTCCATCCACTCACCAGTTGGAAGGCTTGTGGTTTTAGAGAGGAGCAATGCTGGTCAGCGCTGCC
CAGACTCCAGTGTACAGATCACCAGCATTTACAACCAATCCAATGGCCAGAAGCCTCCTCTAACAAG
CCCAGAAGGAGTCTGAAGGGGAGATGGGGGTGTGAGTGTGAGGAGTGGGGATTGCCAGCACCTC
ACCCTTCTTGGGGCAAGTAGAGGTGAGAACACTTTCCACCTCCCTCCACAGACACTCTGAGGAC
GCTGCATCCACGACTGCCTGGTGCCTCATAGAGAGGATCAGGTCTCAGCATTTTCTGTGAAA
GAGGCATGGCCCTGGGTTAGAAAGGAGGCGAGGACATGGAGGAACTGGGGGCACCCAGATGGTGA
GATGGTTTGCACACTGAGCCTGTCTGTGGTACCATTCCGCTCCTCTCCACTACCCTCCAATCTATC
ATTCCTACTCTAAGGCCAAAATATCCTGAGCAAGGCTGGCAACCCACCCACCATCCCAAATGCA
AGCAGCCAGGCCAGGAGTTCTCTGGCCCCACAGGCATGGAGCTCCAGCTGGTGGGTACAGTTGA
GAGGGGGCAGCTCCCTCAGGCTAAGTACTGCCCTTCACTGGGGCAGCCCTGCCTCCAGCCCTCACT
CTCTACCCCAACTCTCCCCAAGCCCCTTCTACTCAACGGGTGTAGCCACTGGTGTGTTGAAGCCTT
TTGTTTTATAAGATGGTTTTTGAAGGGGACCAGGTTCTTTTTCACTGGGACCTTGAAGGAGGGGA
GTGCTCTCTGGTTTCTGTGCAGGCGGTTGATTAAGATGGTGTCTTCTCTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_024522.3](#)

**Summary:** NKAIN1 is a member of a family of mammalian proteins with similarity to Drosophila Nkain and interacts with the beta subunit of Na,K-ATPase (ATP1B1; MIM 182330) (Gorokhova et al., 2007 [PubMed 17606467]).[supplied by OMIM, Jun 2009]

**Locus ID:** 79570

**MW:** 71.9