

## Product datasheet for SC209699

### Ninjurin 1 (NINJ1) (NM\_004148) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | Ninjurin 1 (NINJ1) (NM_004148) Human 3' UTR Clone  |
| Symbol:                   | Ninjurin 1   |
| Synonyms:                 | NIN1; NINJURIN   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_004148  |
| Insert Size:              | 774 bp   |
| Insert Sequence:          | >SC209699 3'UTR clone of NM_004148<br>The sequence shown below is from the reference sequence of NM_004148. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site |

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCTTGATGGACATGGCACCCAGCAGTAGGACACCCAGGACCCTGGATGTTGCCTGCCCTGCAACTCA
GCTGCCCGACCCAGGAGTCGCCATACCTGTGAGGTGTCCACCTCCCTGCACATGGCACTACCCAGACT
GCCAGAGCCCAGGCTGGCCTCATCTGCACCATGTCCCGGACCAGCCCTTGCTCTGACTGCGGCCAAGC
ACCACGCAGGAGGCCACTCTTGCTCTCAGCAGCTGTTCCAGGAGGCAGCTCCCTCCTGGCACATGGG
GGCTGGCCACAATAGCCCAGAGGGTCAGAACTGGACAGCTGCAGAGACCTGTGCCAGAGAAGGGTCTC
GACCCACTCAAGGACACACAGCAGGTCCGTGGATGGGCTGGATGAGTGACCAGGGCCAGCCTCTGTCTC
AGGACATTCCAGAAGGACAAGGAGATGTCTCTCCCTCTCCAAAGCACCAGCGTCCCTGCCTCCCGTGG
GCCCTGTCCGGTTGCCCTGGTGACCCAGCCTCTGTCCACTTCCTAACCAGGGACCCTGCACAGCCA
GAACTGCCTTTGGCCCTACGGATGGCCACTGGCTCTGGTCTTAAGTGCCTGGGCTTGGTGGCCATCAAG
AGGGAGCCAGTCAGGCCTGTGAGGGCCGTAGACCTTGTATATACCCTGCACCAGCAGTGACCGGGCAGA
GCCCAACCCCTCCACGGGGTCCCAGCACCCACTTTTCTAATCATGAATGAACAATAAAGCCACGCT
CTTTGTCAGGCTCCA
ACGCGTAAGCGGCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-Mlul



|                        |  |
|------------------------|--|
| <b>OTI Disclaimer:</b> | 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).   |
| <b>Components:</b>     | 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.   |
| <b>RefSeq:</b>         | <u><a href="#">NM_004148.4</a></u>   |
| <b>Summary:</b>        | The ninjurin protein is upregulated after nerve injury both in dorsal root ganglion neurons and in Schwann cells (Araki and Milbrandt, 1996 [PubMed 8780658]). It demonstrates properties of a homophilic adhesion molecule and promotes neurite outgrowth from primary cultured dorsal root ganglion neurons.[supplied by OMIM, Aug 2009] |
| <b>Locus ID:</b>       | 4814   |
| <b>MW:</b>             | 28   |