

## Product datasheet for **SC207554**

### Nup53 (NUP35) (NM\_138285) Human 3' UTR Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                      |
| Product Name:             | Nup53 (NUP35) (NM_138285) Human 3' UTR Clone                                                                                                                                                                                                       |
| Symbol:                   | Nup53                                                                                                                                                                                                                                              |
| Synonyms:                 | MP-44; MP44; NP44; NUP53                                                                                                                                                                                                                           |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                           |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                              |
| ACCN:                     | NM_138285                                                                                                                                                                                                                                          |
| Insert Size:              | 579 bp                                                                                                                                                                                                                                             |
| Insert Sequence:          | <p>&gt;SC207554 3'UTR clone of NM_138285</p> <p>The sequence shown below is from the reference sequence of NM_138285. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AAAGCAATGGAGTACATGTTTGGCTGGTAGAACACCAAGAAGGAGGTTGCTACACTAAACAGAGT
TAGCAGAGTGCTGCTGGTTCCTTCGGTTAGTTATATAACTGTTCTGCAGTATTGGATAGCTATCTCAT
ACTTCTTTTAGAAAGAAGCCTTTTTCATTAAGGATACAACCTATTTGTAGCTCGCACTTTAAAGATGC
TTGAGATACATTTTAAAGAAAATAAAATCCCTGTAATAGGATTTTGTGCTTTCTGTAAACAGTGCAT
GCTTCAGCACAGAAAACCTCAGCATTGATTATTGTAAATTAATAACTGAAATTGTGGTGAGACGTCATA
GTCTTCATGAGAACGTGGGGGTGAATTTTCATGAAGGGGAACCTATAGTTATTTCTACCGACACAAATATT
ATAATTAGCAATTTGAATTATGGTCTTTTAATTTAGATAGTATTTAATATTTAATTATCCTTGTGTTGT
ATATGTCTGTACAGAGTGTCCTCTTGGTGTATTCTAAACGAGCATTCTTTAAAAAACCTAAAGTT
TCTTGATAATAAACATTGTCAATGATA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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). |



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|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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:     | <a href="#">NM_138285.5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Summary:    | This gene encodes a member of the nucleoporin family. The encoded protein contains two membrane binding regions, is localized to the nuclear rim, and is part of the nuclear pore complex. All molecules entering or leaving the nucleus either diffuse through or are actively transported by the nuclear pore complex. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 7 and 10. [provided by RefSeq, Dec 2013] |
| Locus ID:   | 129401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:         | 21.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |