

## Product datasheet for **SC123516**

### **RNF151 (BC029501) Human Untagged Clone**

#### **Product data:**

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| Product Type:             | Expression Plasmids                              |
| Product Name:             | RNF151 (BC029501) Human Untagged Clone           |
| Tag:                      | Tag Free                                         |
| Symbol:                   | RNF151                                           |
| Synonyms:                 | 1700010O16Rik; AV047371; ring finger protein 151 |
| Mammalian Cell Selection: | None                                             |
| Vector:                   | <u>pCMV6-XL5</u>                                 |
| E. coli Selection:        | Ampicillin (100 ug/mL)                           |
| Fully Sequenced ORF:      | >OriGene sequence for BC029501 edited            |

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GTGGAGCTGCTGTCTAGACGCAGATCATGGGTGGCGGGTATGATCTCAACCTCTTCGCCA
GCCCTCCTGACAGCAACTTCGTGTGCTCCGTCTGCCATGGGGTTCTCAAGAGGCCAGCAA
GGTTGCCATGCAGCCACATCTTCTGCAAAAAGTGATCCTCCGGTGGCTAGCCAGACAAA
AGACCTGTCCGTGCTGTAGGAAAGAGGTGAAAAGGAAAAAGGTTGTCCACATGAATAAAC
TCCGAAAACCATTGGCCGCCTGGAAGTCAAGTGAAGAAGCCGACGCTGGCTGCATAG
TGACATGCCCCCTGGCCCATCGCAAGGGGCACCAGGACTCATGCCCTTTGAGCTAACGG
CCTGCCCCAACGAGGGTGCACCTCGCAGGTGCCGCTGGGACCCTGGCAGAGCACCGGC
AGCATTGCCAGCAAGGGTCCCAGCAGCGTGCCCCCTGGGCTGCGGGGCCACCCTGGACC
CGGCCGAGCGTGCTCGCCACAAGTGTACCGGGAGCTGCACAACGCCTGGAGCGTGCGCC
AGGAGCGCCGTGCGCCCCCTGCTGCTGTCCCTCCTGCGGCGTGTGCGCTGGCTGGACCAAG
CCACCAGTGTCTGTCGTAGAGAGCTGGCGGAGCTCAGCAACTTCCTGGAGGAAGACCG
CTCTGCTGGAGGGTGCCCCACAGGAGGAGGCGGAGGCTGCCCCAGAAGGCAACGTTGGGG
CTGAGGTGGTGGGGGAGCCAGGGCCAACATACCTTGTAAATAGGTAAATAAAGCAGAC
CCCCGGAAAAAAAAAAAAAAAAAGAAAAAAAAAAAAAAAA

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| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for BC029501 unedited</p> <pre>GTAGCGTTCAAATTTTGTAAACGACTCACTATAGGGCGGCCGCATAACTTCGTATAGCA TACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGG GTGGAGCTGCTGTCTAGACGCAGATCATGGGTGGCGGGTATGATCTCAACCTCTTCGCCA GCCCTCCTGACAGCAACTTCGTGTGCTCCGTCTGCCATGGGGTTCTCAAGAGGCCAGCAA GGTTGCCATGCAGCCACATCTTCTGCAAAAAGTGCATCCTCCGGTGGCTAGCCAGACAAA AGACCTGTCCGTGCTGTAGGAAAGAGGTGAAAAGGAAAAAGGTTGTCCACATGAATAAAC TCCGGAACCAATTGGCCGCTTGAAGTCAAGTCAAGAACGCCGACGCTGGCTGCATAG TGACATGCCCCCTGGCCATCGCAAGGGGCACCGAGTCAATGCCCTTTGAGCTAACGG CCTGCCCCAACGAGGGTGCACCTCGCAGGTGCCGCTGGGACCCTGGCAGAGCACCGGC AGCATTGCCAGCAAGGGTCCCAGCAGCGTCCCCCTGGGCTGCGGGGCCACCCTGGACC CGGCCGAGCGTGTGCGCACAACTGCTACCGGGAGCTGCACAACGCCTGGAGCGTGCGCC AGGAGCGCCGTGCGCCCTGCTGCTGTCCCTCCTGCGGCGTGTGCGCTGGCTGGACCAAG CCACCAGTGTGTTCTGTAGAGAGCTGGCGGAGCTCAGCAACTTCTGGAGGAAGACACCG CTCTGCTGGAGGGTGGCCACAAGGAGAGGCCGAAGCTGCCCCAAGGCAACGTTGGGGC TGANGTGGTGGGGGAGCCCCAGGCCACATACCTTGTAATAGGTAATAAAGCAGACCCC A</pre> |
| <b>Restriction Sites:</b>           | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ACCN:</b>                        | BC029501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Insert Size:</b>                 | 822 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>OTI Disclaimer:</b>              | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Components:</b>                  | The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq:</b>                      | <a href="#">BC029501.1</a> , <a href="#">AAH29501.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq Size:</b>                 | 822 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Locus ID:</b>                    | 146310                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cytogenetics:</b>                | 16p13.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Families:</b>            | Druggable Genome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Summary:</b>                | May be involved in acrosome formation of spermatids.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |