

## Product datasheet for **SC318354**

### NRIP (DCAF6) (NM\_018442) Human Untagged Clone

#### Product data:

|                           |                                                   |
|---------------------------|---------------------------------------------------|
| Product Type:             | Expression Plasmids                               |
| Product Name:             | NRIP (DCAF6) (NM_018442) Human Untagged Clone     |
| Tag:                      | Tag Free                                          |
| Symbol:                   | NRIP                                              |
| Synonyms:                 | 1200006M05Rik; ARCAP; IQWD1; MSTP055; NRIP; PC326 |
| Mammalian Cell Selection: | Neomycin                                          |
| Vector:                   | pCMV6-Entry (PS100001)                            |
| E. coli Selection:        | Kanamycin (25 ug/mL)                              |



[View online »](#)

**Fully Sequenced ORF:** >SC318354 representing NM\_018442.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGTCTCGGGGTGGCTCCTACCCACACCTGTTGTGGGACGTGAGGAAAAGGTCCCTCGGGCTGGAGGAC
CCGTCCCGGCTGCGGAGTCGCTACCTGGGAAGAAGAGAATTTATCCAAAGATTAATACTGAAGCAACC
CTTAATGTGCATGATGGTTGTGTTAATACAATCTGTTGGAATGACACTGGAGAATATATTTATCTGGC
TCAGATGACACCAAATAGTAATTAGTAATCCTTACAGCAGAAAGGTTTTGACAACAATTCGTTACAGG
CACCGAGCAAACATATTTAGTGCAAAGTCTTACCTTGTACAAATGATAAACAGATTGTATCCTGCTCT
GGAGATGGAGTAATATTTATACCAACGTTGAGCAAGATGCAGAAACCAACAGACAATGCCAATTTACG
TGTCATTATGGAACACTTATGAGATTATGACTGTACCAATGACCTTACACTTTTCTCTTGTGGT
GAAGATGGAACGTGTTAGGTGGTTTGATACACGCATCAAACTAGCTGCACAAAAGAAGATTGTAAGAT
GATATTTTAATTAAGTGTGACGTGCTGCCACGTCTGTTGCTATTTGCCACCAATACCATATTACCTT
GCTGTTGGTTGTTCTGACAGCTCAGTACGAATATATGATCGGCGAATGCTGGGCACAAGAGCTACAGGG
AATTATGCAGGTGAGGGGACTACTGGAATGGTTGCCCGTTTTATTCTTCCCCTCTTAATAATAAGTCC
TGCAGAGTGACATCTCTGTGTTACAGTGAAGATGGTCAAGAGATTCTCGTTAGTTACTCTTCAGATTAC
ATATATCTTTTTGACCCGAAAGATGATACAGCAGGAGAACTTAAACTCCTTCTGCGGAAGAGAGAAGA
GAAGAGTTGCGACAACCACAGTTAAGCGTTTGAGACTTCGTGGTGATTGGTCAGATACTGGACCCAGA
GCAAGGCCGAGAGTGAACGAGAACGAGATGGAGAGCAGAGTCCCAATGTGTCATTGATGCAGAGAATG
TCTGATATGTTATCAAGATGGTTTGAAGAAGCAAGTGAGGTTGCACAAAGCAATAGAGGACGAGGAAGA
TCTCGACCCAGAGGTGGAACAAGTCAATCAGATATTTCAACTCTTCTACGGTCCCATCAAGTCTGTAT
TTGGAAGTGAGTGAACTGCAATGGAAGTAGATACTCCAGCTGAACAATTTCTTACGCCTTCTACATCC
TCTCAAATGTGAGCTCAGGCTCATTGACATCATCTCCACAGAAAGCCCTCAATCTACTCTTTTGCTA
TCTTCTCAGACAGTGAACAAAGGCAGTCTGTTGAGGCATCTGGACACCACACATCATCAGTCTGAT
TCTCTTCTTCTGTGTTAACAACAGCTCGGATCCATGTCACTTGACGAGCAACAGGATAACAATAAT
GAAAAGCTGAGCCCCAAACCAGGACAGGTGAACCAAGTTTAAAGTTTGCACTACAGCAGAGAAGGAACA
ACTACAAGCACAATAAACTGAACCTTACAGATGAATGGAGCAGTATAGCATCAAGTTCTAGAGGAATT
GGGAGCCATTGCAAACTGAGGGTCAGGAGGAATCTTTCGTCCACAGAGCTCAGTGCAACCACCAGAA
GGAGACAGTGAACAAAAGCTCCTGAAGAATCATCAGAGGATGTGACAAAATATCAGGAAGGAGTATCT
GCAGAAAACCCAGTTGAGAACCATATCAATATAACACAATCAGATAAGTTCACAGCCAAGCCATTGGAT
TCCAACCTCAGGAGAAAGAAATGACCTCAATCTTGATCGCTCTTGTGGGGTTCCAGAAGAATCTGCTTCA
TCTGAAAAGGCCAAGGAACCAGAACTTCAGATCAGACTAGCACTGAGAGTGCTACCAATGAAAATAAC
ACCAATCTGAGCCTCAGTTCCAAACAGAAGCCACTGGGCCTTCAGCTCATGAAGAAATCCACCAGG
GACTCTGCTCTTCAGGACACAGATGACAGTGATGATGACCCAGTCCTGATCCCAGGTGCAAGGTATCGA
GCAGGACCTGGTGATAGACGCTCTGCTGTTGCCCGTATTCAGGAGTTCTTCAGACGGAGAAAAGAAAGG
AAAGAAATGGAAGAATTGGTACTTTGAACATTAGAAGGCCGCTAGTAAAAATGGTTTATAAAGGCCAT
CGCAACTCCAGGACAATGATAAAGAAGCCAATTTCTGGGGTGCTAACTTTGTAATGAGTGGTTCTGAC
TGTGGCCACATTTTCATCTGGGATCGGCACACTGCTGAGCATTGATGCTTCTGGAAGCTGATAATCAT
GTGGTAAACTGCCTGCAGCCACATCCGTTTGACCCAATTTAGCCTCATCTGGCATAGATTATGACATA
AAGATCTGGTCACCATTAGAAGAGTCAAGGATTTTAAACGAAAACCTTGCTGATGAAGTTATAACTCGA
AACGAACTCATGCTGGAAGAACTAGAAACACCATTACAGTTCCAGCCTCTTTCATGTTGAGGATGTTG
GCTTCACTTAATCATATCCGAGCTGACCGGTTGGAGGGTGACAGATCAGAAGGCTCTGGTCAAGAGAAT
GAAAATGAGGATGAGGAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_018442  
**Insert Size:** 2643 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>OTI Annotation:</b>        | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>                | <u>NM_018442.3</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>           | 3420 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>            | 2643 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>              | 55827                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>            | <u>Q58WW2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b>          | 1q24.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Domains:</b>               | IQ, WD40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>                    | 98.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Summary:</b>          | <p>The protein encoded by this gene is a ligand-dependent coactivator of nuclear receptors, including nuclear receptor subfamily 3 group C member 1 (NR3C1), glucocorticoid receptor (GR), and androgen receptor (AR). The encoded protein and DNA damage binding protein 2 (DDB2) may act as tumor promoters and tumor suppressors, respectively, by regulating the level of androgen receptor in prostate tissues. In addition, this protein can act with glucocorticoid receptor to promote human papillomavirus gene expression. [provided by RefSeq, Mar 2017]</p> <p>Transcript Variant: This variant (1) lacks two in-frame exons in the CDS compared to variant 3. The resulting isoform (a) lacks two internal segments compared to isoform c.</p> |