

## Product datasheet for **SC117967**

### RIP140 (NRIP1) (NM\_003489) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RIP140 (NRIP1) (NM_003489) Human Untagged Clone
Tag:	Tag Free
Symbol:	RIP140
Synonyms:	CAKUT3; RIP140
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_003489 edited  
 GAATTCGGCACCSAGGAGAGCTGCTGAAGAAGTAGCAGCCCTGCTCCTTTCCCTGTCTT  
 GTTGGTCAGATCCTTCCCGGGATGATGCAGATTGGCTGACAGACTCCGCTGGAGACTT  
 CGCAGTGACAAAAGCAGCCGAGGATTAACCCTGCTCCTGGGTCTACTTCTGTCCAGGGAG  
 CTGAGCGGGGCGCTCCTCAGGAAGTGTGGATTGTGAGCTATTTCAGAAGTGTCTCAG  
 GACTCATTATTTAACATTTGGGAGAAACAGCCAGAAGAAGACTGATATTTGCATTTA  
 ATGGGGAACAAAAGATGAAGAAGGAAAAGGAATATATTACTAAGGATTCTATCTGCTTA  
 CTGCTACAGACCTATGTGTTAAGGAATTCTTCTCCTCCTTGGCTAGAAAGTTGATCAG  
 CACTGTGGTCAGACTGCATTTATCTTGTGATTGCCAGAAGAAATCTTGGACAGAATGTAA  
 CAGTACGCTCTCTCTGATTGCGATGGAAGGTGATAAACTGATACTCCTTTATTAAGTT  
 ACATCGCACTCACCACAGAAAACCATTTCTTAAAGTGAATAGAAACCAAGCCCTTGTGAA  
 CACTTCTATTGAACATGACTCATGGAGAAGAGCTTGGCTCTGATGTGCACCAGGATTCTA  
 TTGTTTTAACTTACCTAGAAGGATTACTAATGCATCAGGCAGCAGGGGATCAGGTAAGT  
 CCGTTGACAAAAGTCTGCTGGGCATAATGAAGAGGATCAGAAGTTTAAACATTTCTGGCA  
 GTGCATTTCCACCTGTCAAAGTAATGGTCCAGTTCTCAATACACATACATATCAGGGAT  
 CTGGCATGCTGCACCTCAAAAAGCCAGACTGTTGCAGTCTTCTGAGGACTGGAATGCAG  
 CAAAGCGGAAGAGGCTGTCTGATTCTATCATGAATTTAAACGTAAGAAGGAAGCTTTGC  
 TAGCTGGCATGGTTGACAGTGTGCCTAAAGGCAACAGGATAGCACATTACTGGCCTCTT  
 TGCTTCAGTCATTACGCTCTAGGCTGCAGACTGTTGCTCTGTGACAAACATCAGGCAGA  
 GCCTCAAGGAGCAAGGATATGCCCTCAGTCATGATTCTTTAAAAGTGGAGAAGGATTTAA  
 GGTGCTATGGTGTGATCAAGTCACTTAAAACTTTGTTGAAGAAAAGTAAAGTTAAAG  
 ATCAAAGCCTGATACGAATCTTCTGATGTGACTAAAAACCTCATCAGAGATAGGTTTG  
 CAGAGTCTCCTCATGTTGGACAAAAGTGAACAAAGGTGATGAGTGAACCGTTGTCAT  
 GTGCTGCAAGATTACAGGCTGTTGCAAGCATGGTGGAAAAAGGGCTAGTCTGCCACCT  
 CACCTAAACCTAGTGTGCTTGTAGCCAGTTAGCATTACTTCTGTCAAGCGAAGCCATT  
 TGCAGCAGTATTCTCGAAGACACGCTTTAAAAACGCAAAATGCAATCAAGCAGCAAGT  
 AAAGACTTGTGCTATGGCCAGATTGCAAGAAAATGGCCAGAAGGATGTTGGCAGTTACC



[View online »](#)

AGCTCCAAAAGGAATGTCAAGCCATCTTAATGGTCAGGCAAGAACATCATCAAGCAAAC  
 TGATGGCTAGCAAAGTAGTGCTACAGTGTTCAAAATCCAATGGGTATCATTCTTCTT  
 CCCCTAAAAATGCAGGTTATAAGAACTCACTGGAAAGAAACAATATAAAACAAGCTGCTA  
 ACAATAGTTTGTCTTTACATCTTCTTAAAAGCCAGACTATACCTAAGCCAATGAATGGAC  
 ACAGTCACAGTGAGAGAGGAAGCATTTTTGAGGAAAGTAGTACACCTACAACATTTGATG  
 AATATTCAGATAACAATCCTAGTTTTACAGATGACAGCAGTGGTGATGAAAGTTCTTATT  
 CCAACTGTGTTCCCATAGACTTGTCTTGCAAACCCGAAGTAAAAATCAGAATCTGACC  
 AACCTGTTTCCCTGGATAAECTTCACTCAATCCTTGCTAAACACTTGGGATCCAAAAGTCC  
 CAGATGTAGATATCAAAGAAGATCAAGATACCTCAAAGAATTCTAAGCTAAACTCACACC  
 AGAAAGTAACTTCTTCAATTGCTACTTGGCCATAAGAATGAAGAAAATGTAGAAAAAA  
 ACACCAGCCCTCAGGGAGTACACAATGATGTGAGCAAGTTCAATACACAAAATTATGCAA  
 GGACTTCTGTGATAGAAAGCCCCAGTACAAATCGGACTACTCCAGTGAGCACTCCACCTT  
 TACTTACATCAAGCAAAGCAGGGTCTCCCATCAATCTCTCTCAACACTCTCTGGTCATCA  
 AATGGAATTTCCCAACCATATGTCTGCAGTACTCAGTCTGAAAAGCTAACAATACTGCAT  
 CTAACCACTCAATGGACCTTACAAAAGCAAAGACCCACCAGGAGAGAAACCAGCCAAA  
 ATGAAGGTGCACAGAAGTCTGCAACGTTTAGTGCCAGTAAAGCTGTACAAAATTTAGCAC  
 AATGTGGAATGCAGTCATCCATGTCAAGTGAAGAGCAGAGACCCAGCAAACAGCTGTTAA  
 CTGAAACACAGATAAACCGATAGGTATGATTGATAGATTAATAGCCCTTTGCTCTCAA  
 ATAAAACAAATGCAGTTGAAGAAAATAAAGCATTAGTAGTCAACCAACAGGTCCTGAAC  
 CAGGGCTTTCTGGTTCTGAAATAGAAAATCTGCTTGAAGACGTACTGTCTCCAGTTGC  
 TCCTGGGAACCCCAACAAGGGGAGAGTGAAGAAAAAGAGAAAACCTCCTTAAGAGAT  
 GAAAGTACTCAGGAACACTCAGAGAGAGCTTTAAGTGAACAAATACTGATGGTGAATA  
 AAATCTGAGCCTTGTGATGACTTACAAATCCTAACACAATGTGCACTTGAGCCATGAT  
 GCTAAGAGTGCCTTCTGGGTATGGCTCCTGCTGTGAGAGAAAGCGCACCTGCCTTA  
 CAGTGTCCGAAGACTTTAAATCGGAGCCTGTTTACCTCAGGATTTTTCTTTCTCCAAG  
 AATGGTCTGCTAAGTCGATTGCTAAGACAAAATCAAGATAGTTACCTGGCAGATGATTCA  
 GACAGGAGTCACAGAAATAATGAAATGGCACTTCTAGAATCAAAGAACTTTGATGGTC  
 CCTAAGAAAAGGAAGCTTTATACTGAGCCATTAGAAAATCCATTTAAAAGATGAAAAAC  
 AACATTGTTGATGCTGCAACAATCACAGTGCCCCAGAAGTACTGTATGGGTCTTGCTT  
 AACCCAGGAAGAGCTGAAATTTAGCAGAAATGATCTTGAATTTAAATATCCTGCTGGTCAT  
 GGCTCAGCCAGCGAAAGTGAACACAGGAGTTGGGCCAGAGAGGCAAAAGCTTTAATGTT  
 CTGAAACAGCTGCTTCTCTCAGAAAAGTGTGTGCGAGATTTGTCCCCGCACAGAAGTAA  
 TCTGTGGCTGACAGTAAAAAGAAAGGACACAAAATAATGTGACCAACAGCAAACCTGAA  
 TTTAGCATTCTTCTTTAAATGGACTGATGTACAGTTCCTCAGCCAGCAGTTGCATG  
 GATAACAGGACATTTTACATCCAGGTGTAGTAAAACTCCTGTGAGTCTACTTTCCCT  
 GAGCACTTGGGCTGTGCAGGGTCTAGACCAGAATCTGGGCTTTTGAATGGGTGTTCCATG  
 CCCAGTGAGAAAGGCCATTAAAGTGGGTATCACTGATGCGGAGAAGAATGAGTATGAA  
 AAAGACTCTCAAGATTGACCAAAACCAACCAATACTATATTACATGCTTCAAAAAGGA  
 GGCAATTTCTGTTACCAGTCGAGAAACACAAGACAAGGACATTTGGAGGGAGGCTTCATCT  
 GCTGAAAAGTGTCTCACAGGTCCAGCCAAAGAAGAGTTACTTCTACTGCAGAAACGAAA  
 GCTTCTTTCTTTAATTTAAGAAGCCCTTACAATAGCCATATGGGAATAATGCTTCTCGC  
 CCACACAGCGCAAATGGAGAAGTTATGGACTTCTGGGAAGCGTGCTAACGATAAAGAAA  
 GAATCAGAATAAAATGTACCTGCCATCCAGTTTTGGATCTTTTTAAAATAATGAGTATG  
 AACTTGAGATCTGTATAAATAAGAGCATGATTTGAAAAAAGCATGGTATAATTGAAACT  
 TTTTTCATTTTGAAGTATTGGTTACTGGTGTGTTGAAATATGCATACTAATTTTTGC  
 TTAACATTAGATGTCATGAGGAACTACTGAACTAGCAATGGTTGTTAACTTCTGT  
 ATGCGTCAGATAACAACGTGAGTAGCCTATGAATGAAATCTTTTATAAATATTAGGCA  
 TAAATTAAGTAAAATCCATTACATAGTGGATTAATGCATTTTGTGCCTTTATTAGG  
 GTACTTTATTTGCTTTTTCAGAAGTCAGCTACATAACACATTTTAAAGTCTAAACTGT  
 TAAACAACCTTTAAAGGATAATTATCCAATAAAAAAAAACCTAGTGCTGATTCACAGC  
 TTATTATCCAATTAATAAATAGAAAAATATATGCTTACATTTTTCACTTTTGCTA  
 AAAAAAAAAAAAAAAAAAAGTCTGAC

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_003489 unedited AGACCTGATTTGTATACGACTTCTTATAGGCGGCCGAGAATTCGCACCAGNAGAGCTGC TGAAGAAGTAGCAGCCCTGCTCCTTTTCCCTTGTCTTGTGGTCCAGATCCTTCCCGGGG ATGATGCAGATTGGCTGACAGACTCCGCTGGAGACTTCGCAGTGACAAAGCAGCCGAGGA TTAACCTGCTCCTGGGTCTACTTCTGTCCAGGGAGCTGAGCGGGGCGCTCCTCAGGAA GTGTTTGGATTGTAGCTATTTTCAGAAGTGTCTCAGGACTCATTATTTTAAACATTTGGG AGAAACACAGCCAGAAGAACAACACTGATATTTGCATTTAATGGGGAACAAAAGATGAAGAAG GAAAAGGAATATATTTCACTAAGGATTCTATCTGCTTACTGCTACAGACCTATGTGTTAAG GAATTCCTCTCCTCCTCCTTGCCTGAGAGTTGATCAGCACTGTGGTCCAGACTGCATTTAT CTTGTCATTGCCAGAAGAAATCTTGACAGAATGTAACAGTACGTCTCTCTGATTGCG ATGGAAGGTGATAAACTGATACTCCTTTATTAAGTTACATCGCACTCACCACAGAAAAC CATTCTTTAAAGTGAATAGAAACCAAGCCCTTGTGAACACTTCTATTGAACATGACTCAT GGAGAAGAGCTTGGCTCTGATGTGCACCAGGATTCTATTGTTTTAACTTACCTAGAAGGA TTACTAATGCATCANGCAGCAGGGGATCAGGTAAGTCCGTTGACAAAAGTCTGTGGGG CATATGAAGAGGATCAGAACTTTTACATTTCTGGCAGTGCATTTCCACCTGTCAAAGTA TGGTCCAGTTCTCATACACATACTATCAGGGATCTGGCTTGTCTGCACCTAAAAAGCAGA CTGNTGCATT
<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_003489 unedited CCCCAATCGGGTGTGGAAAAGCTAAGTCCAGGTTTTNNCTAAAATACTTTTGAATTGGA ATAATAAGCTGTGAATCAGCACTAGGTTTTTTTTTTTATTGGATAATTATCCTTTAAAGAG TTGTTTAAACAGTTTAGACTTTAAAAATGTGTTATGTAGGCTGACTTCTGAAAAGCAAAAT AAAGTACCCTAATAAAGGCAGCAAAATGCATTAATCCTTTTATTATGGATTTTACATTT TAATTTATGCCTAATATATAAAAAGATTTTATTTCATAGGCTACTCACAGTTGTTATCT GACGCATACAGAAGTGTTAAACAACCAATATGCTAGTTCAGTAGTTTCTCATGACATCT AATGTTAAGCAAAAATTAGTAATGCATATTTTCATCACCAGTAACCAATACTTTTCAA AATGAAAAAAGTTTCAATTATACCATGCTTTTTTTTCAAATCATGCTCTTATTTATACAGA TCTCAAGTTCATACTCATTAGTTTTTAAAAAGATCCAAATACTGGATGGCAGGCACATTTT ATTCTGATTCTTTCTTTATCGTTAGCACGCTTCCAGAAAGTCCATAAACTTCTCCATTTG CGCTGTGTGGGCGAGAATCATTATTTCCCATATGGCTATTGTAAGGGCTAATTAATTA AGAAAGAAGCTTTCTGTTTCTGCAGTAGGAAGTAACTCTTCTTTGGCTGTGACCTGTGAGA CACTTTCAGCAGATGAAGCCTCCCTCCAAATGTCCATGTATTGTGTTTCTCGACTGGAAA CAAATTTGCCTCTTTTTAAAGCATGAAATATAGTATTGGGTTGGTTTTGGTCAAACCTGG AGAGTCTTTTTTATAAACANTTCTCCTCCGCATCAGGGAATACCCACTTGATGGCCCTT CCCACGN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_003489
<b>Insert Size:</b>	4700 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>	pass
<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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_003489.2](#), [NP\\_003480.2](#)

**RefSeq Size:** 7292 bp

**RefSeq ORF:** 3477 bp

**Locus ID:** 8204

**UniProt ID:** [P48552](#)

**Cytogenetics:** 21q11.2-q21.1

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** Nuclear receptor interacting protein 1 (NRIP1) is a nuclear protein that specifically interacts with the hormone-dependent activation domain AF2 of nuclear receptors. Also known as RIP140, this protein modulates transcriptional activity of the estrogen receptor. [provided by RefSeq, Jul 2008]