

## Product datasheet for SC112902

### RISC (SCPEP1) (NM\_021626) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RISC (SCPEP1) (NM_021626) Human Untagged Clone
Tag:	Tag Free
Symbol:	RISC
Synonyms:	HSCP1; RISC
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112902 sequence for NM_021626 edited (data generated by NextGen Sequencing)

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ATGGAGCTGGCACTGCGGCGCTCTCCCGTCCCGCGGTGGTTGCTGCTGCTGCCGCTGCTG
CTGGGCCCTGAACGCAGGAGCTGTCAATTGACTGGCCACAGAGGAGGGCAAGGAAGTATGG
GATTATGTGACGGTCCGCAAGGATGCCTACATGTTCTGGTGGCTCTATTATGCCACCAAC
TCCTGCAAGAACTTCTCAGAAGTCCCTGGTCAATGTGGCTTCAGGGCGGTCCAGGCGGT
TCTAGCACTGGATTTGAAACTTTGAGGAAATGGGCCCTTGACAGTGATCTCAAACCA
CGGAAAACCACCTGGCTCCAGGCTGCCAGTCTCCTATTTGTGGATAATCCCGTGGGCACT
GGGTTCAAGTATGTGAATGGTAGTGGTGCCTATGCCAAGGACCTGGCTATGGTGGCTTCA
GACATGATGGTTCTCCTGAAGACCTTCTCAGTTGCCACAAGAATTCCAGACAGTTCCA
TTCTACATTTTCTCAGAGTCTATGGAGGAAAAATGGCAGCTGGCATTGGTCTAGAGCTT
TATAAGGCCATTAGCGAGGGACCATCAAGTGCAACTTTGCGGGGGTGCCTTGGGTGAT
TCCTGGATCTCCCTGTTGATTCCGGTGCTCCTGGGGACCTTACCTGTACAGCATGTCT
CTTCTCGAAGACAAAGGTCTGGCAGAGGTGTCTAAGGTTGCAGAGCAAGTACTGAATGCC
GTAAATAAGGGGCTCTACAGAGAGGCCACAGAGCTGTGGGGGAAAGCAGAAATGATCATT
GAACAGAACACAGATGGGGTGAACCTTCTATAACATCTTAATAAAAGCACTCCCACGTCT
ACAATGGAGTCGAGTCTAGAATTCACACAGAGCCACCTAGTTTGTCTTTGTCAGCGCCAC
GTGAGACACCTACAACGAGATGCCTTAAGCCAGCTCATGAATGGCCCCATCAGAAAGAAG
CTCAAAATTATTCCTGAGGATCAATCCTGGGGAGGCCAGGCTACCAACGCTTTTGTGAAC
ATGGAGGAGGACTTCATGAAGCCAGTCATTAGCATTGTGGACGAGTTGCTGGAGGCAGGG
ATCAACGTGACGGTGTATAATGGACAGCTGGATCTCATCGTAGATACCATGGGTCAAGAG
GCCTGGGTGCGGAAACTGAAGTGGCCAGAAGTGCCTAAATTCAGTCAGCTGAAGTGAAG
GCCCTGTACAGTGACCCTAAATCTTTGAAACATCTGCTTTTGTCAAGTCTACAAGAAC
CTTGCTTTCTACTGGATTCTGAAAGCTGGTCATATGGTTCCTTCTGACCAAGGGGACATG
GCTCTGAAGATGATGAGACTGGTGACTCAGCAAGAATAG

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Clone variation with respect to NM\_021626.2



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_021626 unedited  
 NCCCTGTTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCCGTG  
 CGGTACTTGTGCATGGAGCTGGCACTGCGGCGCTCTCCCGTCCCGCGGTGGTTGCTGCTGC  
 TGCCGCTGCTGCTGGCCTGAACGCAGGAGCTGTCATTGACTGGCCACAGAGGAGGGCA  
 AGGAAGTATGGGATTATGTGACGGTCCGCAAGGATGCCTACATGTTCTGGTGGCTCTATT  
 ATGCCACCAACTCCTGCAAGAACTTCTCAGAAGTGGCCCTGGTTCATGTGGCTTCAGGGCG  
 GTCCAGGCGGTTCTAGCACTGGATTTGGAACTTTGAGGAAATTTGGGCCCTTGACAGTG  
 ATCTCAAACACGAAAACACCTGGCTCCAGGCTGCCAGTCTCCTATTTGTGGATAATC  
 CCGTGGGCACTGGGTTTCAGTTATGTGAATGGTAGTGGTGCCTATGCCAAGGACCTGGCTA  
 TGGTGGCTTCAGACATGATGGTTCTCCTGAAGACCTTCTTCAGTTGCCACAAAGAATTCC  
 AGACAGTTCATTCTACATTTTCTCAGAGTCTATGGAGGAAAAATGGCAGCTGGCATTG  
 GTCTAGAGCTTTATAAGGCCATTAGCGAGGGACCATCAAGTGCANACTTTGCGGGGGTT  
 GCCTTNGTGATTCTGGATCTCCCTGTTGATTGGTGTCTCCTGGGGACCTTACCTG  
 TACAGCATGTCTTCTCGAAGACAAGGTCTGGCAGAAGTGTCTAAAGTGCAGAGCAAG  
 TACTGAATGCCGTANATAAAGGGCTCTACAGAGAGGCCACAGAGCTGTGGGGGAAAGCA  
 GAAATGATCATTGNACAGAACACAGATGGGNGTGAACCTTCTATAACATTCTTAATAAA  
 AGCACTCC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_021626 unedited  
 ACTAAGTGGTACGTGGCCGTCCTACTANGTTGGTTTTTTTTTTTTTTTTTTTTAAAAAGTATA  
 TAAAACCTTTGACTGAAAGGTGTTTCAGATATACTGATATGTCAAACAAATAGTAAAACA  
 ACATAGAGTAATGATTCATTTTGGTAAAAAATATATATGATATATAGAAAAAAAATTC  
 TGCAAGGACATATGCTAAATTGGTAACAGTGCTTACCCCTGGGAAGGGGGTATACAGATG  
 TTGATTTACTCTTTGGGTACCTGTATTTCCAGTTTTTCTATAAATCACATCATTGCTT  
 CTGTACATAAGAAAAAATAATATCTATTATCATCTTTATTTTGTATCAAAACAAATCAATT  
 TTTTAAAAAATCTTAGGTTTTTTAAGAAGCAGAAATAATTTCCAAATTCCTCCAGAGA  
 CAATGATTTTATCCTCTGCAGAAGCTGGTCAGAACCTTCTTGATCACAGCCCCAGTTAGA  
 TACAGGGAAGAATGGCGCTTCTACAGCTTCAGCGGCCTCAGCTCAGCTCTGTGCCCAA  
 GGCCAAACCAGCTCATCTCCAGCCCCATCCATCTATTCTTGCTGAGTACCAGTCTCAT  
 CATCTTCAGAGCCATGTCCCCTTGGTCAGAAGGAACCATATGACCAGCTTTCAGAATCCA  
 GTAGAAAAGCAAGGTTCTTGTANGACTTGACAAAAGCAGATGTTTTCAAAGATTTANGGTC  
 ACTGTACAGGGCCTTCCACTTCANCTGACTGAAATTTAGCAGTTCTGGCCACTTCAGTTT  
 CCGCACCCAGGCCTCCTGACCCATGGTATCTACGATGAGATCCAGCTGTCCATTATACAC  
 GTCACGTTGATCCCTGGTNCAGCAACT

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_021626

**Insert Size:**

2000 bp

**OTI Disclaimer:**

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).

**Components:**

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\\_021626.1](#), [NP\\_067639.1](#)

**RefSeq Size:** 1921 bp

**RefSeq ORF:** 1359 bp

**Locus ID:** 59342

**UniProt ID:** [Q9HB40](#)

**Cytogenetics:** 17q22

**Domains:** serine\_carbpept

**Protein Families:** Druggable Genome, Protease, Secreted Protein

**Gene Summary:** May be involved in vascular wall and kidney homeostasis.[UniProtKB/Swiss-Prot Function]