

## Product datasheet for **SC105969**

### NSRP1 (NM\_032141) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NSRP1 (NM_032141) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSRP1
Synonyms:	CCDC55; HSPC095; NSrp70
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC105969 sequence for NM\_032141 edited (data generated by NextGen Sequencing)

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ATGGCGATTCCGGGCAGGCAGTATGGGCTTATTTGCCAAAGAAAACACAGCAGTTGCAC
CCTGTTTTGCAAAAACCATCAGTGTGGGAATGATTCTGATGATGATGATGAGACCTCT
GTGAGTGAAAGCCTTCAGAGGGAAGCTGCTAAGAAGCAGGCCATGAAACAGACCAAACCTG
GAAATCCAGAAGGCCCTTGCAAGAGTGTACTGTATGAATATGACAGTATTTATGAT
GAAATGCCAGAAAAAAGGAGGAAAATAATCCCAAATTTGCTTTTGGGGAAAGACAGAAAG
CCCAAGTATATTCACAACCTTGTAAAAGCAGTTGAGATCAGAAAAAGGAACAGGAAAAA
AGAATGGAAGAAAATACAGAGAGAACGAGAAATGGAAGGGGGAGTTTGTATGATAAA
GAAGCATTGTGACATCTGCATATAAGAAAAAACTGCAAGAGAGAGCTGAAGAAGAAGAA
AGAGAAAAAGAGGCTGCTGCACTGGAAGCATGTTTGGATGTAACCAAGCAGAAAGATCTC
AGTGGATTTTATAGGCACCTATTAATCAAGCAGTTGGTGAAGAGGAAGTACCTAAATGC
AGCTTTCGTGAAGCCAGATCTGGTATAAAGGAAGAAAAATCAAGGGGCTTCTCCAATGAA
GTAAGTTCAAAAACAGAATACCACAAGAGAAATGCATTCTTCAAATGATGTGAAAGTA
GAGGAAAACCCAGATGCAGACAGTGACTTCGATGCTAAGAGCAGTGCCGGATGATGAAATA
GAAGAACTAGAGTGAAGTGCAGAAAGGAAAAGTTCATAGAGACCCTGAGAATGACTTC
AAGCACACAGGAGTCAAACCACTCTCGGTACCTAGTGAAGAAAGAGGGCACAGTACC
AGGCACCACAGAAAGGATCACGAACGTCGAGAGGACATGAGAAAAGGGAAGATCAGCAC
CAGCAGAAGCAATCCAGAGACCAAGAGAACCATTACACTGACCGTGATTACCGAAAGAA
AGGGATTTCTATAGGCACAGAGAGGCCAGTCATAGAGATTTCCATTGGAAGAGGCATGAA
CAGGAAGATAAACCAAGGGCGAGGGACCAAGAGAAAGAGTACAGAGTATGAAAAAGG
GAGAAAGATAGGGAGAAATATTTCCAAAGAGAAACAAGAAAGAGATAGACAACAAAATGAT
CAGAACCAGCCAGTGCAGAAAGGAGAGAAAGGAGAAAGCAAAGCAAAGGAAGAGCAT
ATGAAAGTAAGGAAGGAAAGATATGAAAAATGATAAATACAGAGATAGAGAAAAACGA
GAGGTAGGTGTTCACTTTCAGAAAGAAATCAAGACAGAAAGGAAAGCAGCCCAAATTTCT
AGGGCAAAGGATAAAATTTCTTGACCAAGAAAGTCCAACAAAATGAGAAACATGGCAAAG
GACAAAGAAAGAAACCAAGAGAAACCTCTAATTTCTGAATCATCACTGGGAGCAAAACAC
AGACTCACAGAGGAAGGGCAAGAGAAAGGTAAAGAACAAGAGAGACCCTGAGGCAGTG
AGCAAGTTTGAAAGCGGAACAATGAAGAACTGTAATGTCAGCTAGAGACAGGTAAGTTC
GCCAGGCAGATGGCGGGGTTAATGCAAGACCTATATTGAGAAAGAAGATGATTGA
    
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Clone variation with respect to NM\_032141.2

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_032141 unedited
NTTTTCGATTTTGTATACGACTCTATAGGGCGGCCGGAATTCGCACGAGGCGGACAC
GGGAGCAAGATGGCGATTCCGGGCAGGCAGTATGGGCTTATTTTGC AAAAGAAAACACAG
CAGTTGCACCCCTGTTTTGCAAAAACCATCAGTGTGGGAATGATTCTGATGATGATGAT
GAGACCTCTGTGAGTGAAAGCCTTCAGAGGGAAGCTGCTAAGAAGCAGGCCATGAAACAG
ACCAAATGGAATCCAGAAGGCCCTTGCAAGAGTGTACTGTGTATGAATATGACAGT
ATTTATGATGAAATGCAGAAAAAAGGAGGAAAATAATCCCAAATTTGCTTTTGGGGAAA
GACAGAAAGCCCAAGTATATTCACAACCTGCTAAAAGCAGTTGAGATCAGAAAAAGGAA
CAGGAAAAAAGAAATGGAAGAAAAATACAGAGAGAACGAGAAATGGAAAGGGGNNAGTT
TGATGATAAAGAAGCATTGTGACATCTGCATATAAGAAAAAACTGCAAGAGAGAGCTGA
AGAAGAAGAAAGAGAAAAGAGGGCTGCTGCACTGAAGCATNGTTGGGATGTAACCAAGCA
GAAGATCTCAGTGGGATTTTATAGGCACCTATTAATCAAGCAGTTGGTGAANAAGAGGAA
GTACCTAATGGCAGCTTNTCGTGAAGCCAAGATCTGGTATTAAGGGAAGAAAAATCAAG
GGGCTTCTCCATGGAAGTAAAGTTCAAAAAACAGAATACCACAAGAAGAAATGCATTC
TTCAAATGTGGGTGGAAGGGTTAGAGGAAAACCCAGATGCAGACAGTGACTTTCGATGT
AAAAGCAGGGGGGGGATGATGAAAATAGAAGAACTTAGAGTGACTGGCGAGGGGGGAAA
AGGTATAGAGACCCCTGAAAATGACTTCAGCCCCAAC
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_032141 unedited TATGGACCCGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTATAAGCATATC ATTTTATTTTCATTTAAGCCAATATGCTGTAAGCTATTTAGACAAGATGATTCACATTT TATACTTAAATACAAATTTGAGAACATAAAGTATATTTCTGTTTTTCAAATCCATATTT TATCTGAAATACATTTCTGCAACAAAACATTATTAGAAGAGTTAAATTTATTTAAA AAAAATTTTTTAGAGACAGGGTCTCATTCTGTTGCCAGGTTGGAGTGCAGTGGCATGAT CATACCTCACTGTAACATCAAATTCCTAGGCTCAAGTGATCTTCTTGCCTCAGCCTCTCG AACAGCTGGGACTACAGGCATGGACTACCATGCTAGGCTTTTTGTTTTTAAATAGAGAC AAGGTCTTATTATCCTGCCTAGGCTGGTCTTGAATGCCTAGCCTCAATATCCTTCTGCCT TGGCCTCCAAAATGTTGGTATTACAGGCACGAGCTACCGTATCTGGCCAAAATATTTT TTAATGGTGTAGTGGAGCAAATTTTCTCATTATGTACCTACAGGGAATTAGCACACTC TTAACGGTCTTGAATACAACAAAGAATGTGGTATTGATGAGTACACACTATATATAAT TCAGCCAAACATCCACATNCAAACATCCAAGCTGAAGACTGACTTTTAACTTAAATTT GAAAATAAATTAATAAGGCTTTGATTAACCCCTCTGCCTGGCCAAGCCCTGTTCT CTCACTTCTTCTAATAAGGGCTTTGATTAACCCCTCTGCCTGGCCAAGCCCTGTTCT TACTGCCTTACAGTTTTTCATGGTCCCCTTGCAACTGGCCATGCTCAGGGGCTT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_032141
<b>Insert Size:</b>	2570 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>	<u><a href="#">NM_032141.1</a></u> , <u><a href="#">NP_115517.1</a></u>
<b>RefSeq Size:</b>	2547 bp
<b>RefSeq ORF:</b>	1677 bp
<b>Locus ID:</b>	84081
<b>UniProt ID:</b>	<u><a href="#">Q9H0G5</a></u>
<b>Cytogenetics:</b>	17q11.2

**Gene Summary:**

RNA-binding protein that mediates pre-mRNA alternative splicing regulation.  
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).