

Product datasheet for **SC121721**

RNPC3 (NM_017619) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNPC3 (NM_017619) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNPC3
Synonyms:	IGHD5; RBM40; RNP; SNRNP65
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC121721 sequence for NM_017619 edited (data generated by NextGen Sequencing)

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ATGGCAGCTCCCGAGCAGCCGCTTGCGATATCAAGGGGATGCACGAGCTCCTCCTCGCTT
TCCCCGCTCGGGGCGACCGAACCTTCTGGTCAGGCACCTGCCGGCTGAGCTTACTGCT
GAGGAGAAAGAGGACTTGTGAAGTACTTCGGGGCTCAGTCTGTGCGGGTCTGTGAGAT
AAGGGGCGACTGAAACATACAGCTTTTGCCACATTCCCTAATGAAAAAGCAGCTATAAG
GCATTGACAAGACTCCATCAACTGAACTTTTAGGTCATACTTTAGTCGTTGAATTTGCA
AAAGAGCAAGATCGAGTTCACTCCCATGTCCCACTTCAGGCTCTGAAAAAAGG
TCTGATGACCCTGTGCAAGATGATAAAGAAAAAAGAACTTGGTTATTTAACAGTAGAA
AATGGAATTGCACCAACCATTGGGCTGACTTTTCTTTAAATTCATGCCTCAAGTATATG
TACCCACCACCTTCCAGCACAATCTAGCAACATTGTAATGCCTTGGCAAGCGTGCCT
AAGTTCTATGTACAGGCTCTTCTTATGAATAAAATGAATTTGCCACACCTTTTGA
CCAATTACTGCGGACCTCCCATGTATGAAGACTATATGCCATTGCATGCACCTTTCCA
CCCACATCTCCTCAGCCACCTGAGGAACCTCCTTTGCCAGACGAGGATGAGGAATTATCT
AGTGAAGAATCAGAATATGAAAGCACTGATGATGAGGACCGACAGAGAATGAACAAATTA
ATGGAAGTAGCAATCTTCAGCCAAAAGACCTAAAACAATAAAGCAGCGCCATGTGAGA
AAAAAGAGAAAAATAAAGGATATGTTGAATACACCTTTGTGTCCTTCACACAGCAGTTTA
CATCCAGTGCTGTACCTTCAGATGATTTGACCAACCACAACCTGTAGGTAACAAAAGA
ATTGAATTCCATATATCTACCGACATGCCAGCTGCATTTAAGAAAGATTTAGAAAAGGAA
CAAAATTTGTGAGGAAAAAATCATGATTTACCTGCTACTGAAAGTTGATGCATCCAATATA
GGATTTGGAAAAATCTTCCCAAACTAATTTGGACATCACAGAGGAGATTAAAGAAGAC
TCTGATGAAATGCCTTCAGAATGATTTCTAGAAGGGAATTGAAAAGGGCAGAATTTCT
AGAGAAGAAATGGAACACTTTTCAGTTTTTCAGAAGTTATGAACCGGGTGAACCAACTGT
AGAATTTATGTAAGAATTTAGCTAAACATGTTCAAGAAAAGGACCTTAAATATATTTTT
GGAAGATATGTTGACTTTTCATCAGAAACACAGCGGATCATGTTTGATATACGTTTGATG
AAAGAAGTCTGATGAAAGGACAAGCTTTTCATTGGAATTCCTAATGAAAAAGCAGCAGCA
AAAGCCTTAAAGGAAGCTAATGGATATGTGCTTTTGGAAAACCATGGTGGTTCAGTTT
GCTCGATCTGCTAGACCAAAACAAGATCCTAAGGAAGGAAAAAGAAAGTGTAA
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Clone variation with respect to NM_017619.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017619 unedited

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CGCGAGGCGGAAAAAATATTTCTCCAGCTTGTGTTGATGCCGCGATTTTGACTGAGACT
TCTTCCCACGATTTCTGTTTTGCTTCTCCAAGGAAATGGCAGCTCCCGAGCAGCCGCT
TGCGATATCAAGGGGATGCACGAGCTCCTCCTCGCTTTCCCGCCTCGGGGCGACCGAAC
CCTTCTGGTCAGGCACCTGCCGGCTGAGCTTACTGCTGAGGAGAAAGAGGACTTGTGAA
GTACTTCGGGGCTCAGTCTGTGCGGGTCTGTGAGATAAGGGGCGACTGAAACATACAGC
TTTTGCCACATTCCCTAATGAAAAAGCAGCTATAAAGGCATTGACAAGACTCCATCAACT
GAACTTTTAGGTCATACTTTAGTCGTTGAATTTGCAAAAGAGCAAGATCGAGTTCACTC
CCCATGTCCCACTTCAGGCTCTGAAAAAAGGTTGATGACCCTGTGCAAGATGA
TAAAGAAAAAAGAACTTGGTTATTTAACAGTAGAAAAATGGAATTGCACCAACCATTGG
GCTGACTTTTCTTTAAATTCATGCCTCAAGTATATGTACCCACCACCTTCCAGCACAAT
CCTAGCAAAACATTGTAATGCCTTGGCAAGCGGGCCTAAGTTCTATGGTACAGGTCCTT
CATCTTATGAATAAAATGAATTTGCCACACCTTTTGGACCAATTACTGCGGACCTNCC
ATGGTATGAAGACTATATGCCATTGCATGCACCTNTTTCACCCACATCTTCTCAGCNCCT
GAGGAACCTCNTTGNCAACCAGGTTGAGGATTTTTTTT
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Restriction Sites: NotI-NotI

ACCN: NM_017619

Insert Size: 4700 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:	<u>NM_017619.3</u> , <u>NP_060089.1</u>
RefSeq Size:	1901 bp
RefSeq ORF:	1554 bp
Locus ID:	55599
UniProt ID:	<u>Q96LT9</u>
Cytogenetics:	1p21.1
Gene Summary:	Two types of spliceosomes catalyze splicing of pre-mRNAs. The major U2-type spliceosome is found in all eukaryotes and removes U2-type introns, which represent more than 99% of pre-mRNA introns. The minor U12-type spliceosome is found in some eukaryotes and removes U12-type introns, which are rare and have distinct splice consensus signals. The U12-type spliceosome consists of several small nuclear RNAs and associated proteins. This gene encodes a 65K protein that is a component of the U12-type spliceosome. This protein contains two RNA recognition motifs (RRMs), suggesting that it may contact one of the small nuclear RNAs of the minor spliceosome. [provided by RefSeq, Jul 2008]