

Product datasheet for **SC337023**

RRN3 (NM_001301064) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RRN3 (NM_001301064) Human Untagged Clone
Tag:	Tag Free
Symbol:	RRN3
Synonyms:	A-270G1.2; TIFIA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC337023 representing NM_001301064.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGGCACCGCTGCTTCACACGCGTTTGCCGGGAGATGCGGCCGCTTCGTCTCTGCAGTTAAGAAG
CTGGGCGCGTCGAGGACTGGGATTTCAAATATGCGTGCATTAGAGAATGACTTTTTCAATTCTCCCCCA
AGAAAACTGTTTCGGTTTGGTGGAAGTGTGACAGAAGTCTTGCTGAAGTACAAAAAGGGTGAAACAAAT
GACTTTGAGTTGTTGAAGAACCAGCTGTTAGATCCAGACATAAAGAGATTGCCTTGGTTGAATAGAAGT
CAAACAGTAGTGAAGAGTATTTGGCTTTTCTTGGTAATCTTGTATCAGCACAGACTGTTTTCTCAGAC
CCGTGTCTCAGCATGATTGCTTCCCATTTTGTGCCTCCCGAGTGATCATTAAAGGAAGGCGATGTAGAT
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GTTTCAAAAATCAGAGAGAACTGGAATGTTACGTTTCTAACTTACTAAGGATTAGTGTATTTTTCCA
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CAGGGTATTGAAGATGCTGAAGAAACAGCAACTCAAACCTGTGGTGGGACAGATTCCACGGAAGGATTG
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ACGCATTTCCGAAGTCTTCAAGTAGTGTGGGCTCCCCACCCGTTGTACATGCAACCCAGTCCCCTC
TGA
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
  
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Restriction Sites: SgfI-RsrII

ACCN: NM_001301064

Insert Size: 1866 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_001301064.1</u>
RefSeq Size:	3706 bp
RefSeq ORF:	1866 bp
Locus ID:	54700
Cytogenetics:	16p13.11
Protein Families:	Transcription Factors
MW:	70.5 kDa
Gene Summary:	Required for efficient transcription initiation by RNA polymerase I. Required for the formation of the competent preinitiation complex (PIC). Dissociates from pol I as a consequence of transcription. In vitro, cannot activate transcription in a subsequent transcription reaction (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. It encodes isoform 2 which is shorter than isoform 1.