

Product datasheet for **SC112114**

RPAP3 (NM_024604) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPAP3 (NM_024604) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPAP3
Synonyms:	hSpagh; Tah1
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 SC112114 sequence for NM_024604 edited (data generated by NextGen Sequencing)

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ATGACTTCAGCAAATAAAGCAATCGAATTACAACCTACAAGTGAACAAAAATGCAGAAGAA
TTACAAGACTTTATGCGGGATTTAGAAAAGTGGGAAAAAGACATTAACAAAAAGGATATG
GAACTAAGAAGACAGAATGGTGTTCCTGAAGAGAAATTTACCTCTATTCGAAATGGGAAT
TTTAGGAAAAAGAAGAAAGGCAAAGCTAAAGAGTCTTCCAAAAAACAGAGAGGAAAAAC
ACAAAAACAGGATAAAATCTTATGATTATGAGGCATGGGCAAACTTGATGTGGACCGT
ATCCTTGATGAGCTTGACAAGACGATAGTACCCATGAGTCTGTCTCAAGAATCAGAG
TCGGAAGAAGATGGGATTCATGTAGATTCAAAAAGGCTCTTGTTTTAAAAGAAAAGGGC
AATAAATACTTCAACAAGGAAAAATATGATGAAGCAATTGACTGTACACAAAAGGCATG
GATGCCGATCCATATAATCCCGTGTGCAACGAACAGAGCGTCAGCATATTTTAGACTG
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CTCAGGAAAAATCAGTCAGGCTTTAGCATCAAAGAAAACCTCATATCCAAAGGAAGCTGAC
ATAGTGATTAAGTCAACAGAAGGAGAGCGAAAGCAAAATTGAAGCACAAACAGAATAAGCAG
CAGGCCATTTAGAGAAAAGATCGGGGGAATGGATTTTTCAAAGAGGGGAAATATGAAAGA
GCAATTGAATGCTATACTCGAGGGATAGCAGCAGATGGTCTAATGCCCTTCTCCAGCT
AACAGAGCTATGGCCTATCTGAAGATTCAGAAATATGAAGAAGCTGAAAAAGACTGCACA
CAAGCCATTTTATTAGATGGCTCATATTCTAAAGCTTTTGCCAGAAGAGGAACTGCAAGA
ACATTTTTGGGAAAGCTAAATGAGGCAAAACAAGATTTGAACTGTTTTACTTCTGGAA
CCTGGAATAAGCAAGCAGTAACTGAACTCTCCAAAATTAAGAAAGGAATTAATTGAGAAA
GGACACTGGGATGATGTCTTTCTTGATTCCACACAAAGACAAAATGTGGTAAAACCCATT
GATAATCCACCGCATCCTGGATCAACTAAACCACTCAAGAAGGTTATTATTGAAGAAACT
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AATCCTATTAATCTAGCAAAATGTAATAGCAGCCACAGGCACCACAAGTAAGAAGAATTCA
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TCTTACAGCGAGAAAATGCCATAGAGATAGAACAAAAACCTGCTCAGTTTGCCACAAC
GTTCTTCTCCAATTCCTGCAAACTCGTTCCAGCTCGAATCTGATTTAGACAATTGAAA
AGTTCTCCAGATATGTTGTATCAGTATTTAAAGCAAAATTGAACCATCTTTGTATCCTAAG
TTGTTTCAGAAAAATCTGGATCCAGATGTATTCACCAGATCGTTAAAATCTGCATGAC
TTTTACATTGAGAAAGAAAAGCCATTACTCATCTTTGAAATCTTACAAAGACTTTCTGAA
CTAAAAAGGTTTGATATGGCAGTGATGTTTATGTGAGAAACAGAGAAAAAGATTGCACGT
GCATTATTTAATCACATAGACAAGTCAGGATTGAAGGATAGTTCTGTGCAAGAAGTCAAG
AAAAGATACGGTGGTTGA
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Clone variation with respect to NM_024604.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024604 unedited
 NNGGGGCGGCCAGGATTTGTATACGACTCACTATAGGCGGCCGNAATTCGCACGAGCG
 GGGCTGACGGGGTGGCAGTGC GGCGGGTTACGGCCTGGTCAGACCATAATGACTTCAGCA
 AATAAAGCAATCGAATTACAACACAAGTGAACAACAAATGCAGAAGAATTACAAGACTTT
 ATGCGGGATTTAGAAAACGGNGAAAAAGACATTAACAAAAGGATATGGAACAAAGAAG
 ACAGAATGGTGTCTCTGAAGAGAATTTACCTCCTATTGAAATGGGAATTTTAGGAAAAA
 GAAGAAAGGCAAAGCTAAAGAGTCTTCCAAAAAACAGAGAGGAAAACAAAAAACAG
 GATAAAATCTTATGATTATGAGGCATGGGCAAAACTTGATGTGGACCGTATCCTTGATGA
 GCTTGACAAAGACGATAGTACCCATGAGTCTCTGTCTCAAGAATCAGAGTCGGAAGAAGA
 TGGGATTCATGTAGATTCACAAAAGGCTCTTGTTTTAAAAGAAAAGGGCAATAAACTT
 CAAACAAGGAAAAATGATGAAGCAATTGACTGCTACACAAAAGGCATGGATGCCGATCC
 ATATAATCCCGTGTGCCAACGAACAGAGCGTCAGCATATTTTAGACTGAAAAAATTTGC
 TGTGCTGAGTCTGATTGAATTTAGCAGTTGCCTTGAATAGAAGTTATACAAAGGCTTA
 TTCCANACGAGGTGCTGCTCGATTTGCTTTGCAAAATAGAAGAGGCCAAAAAGATTAT
 GAAAGAGTATTAGAACTAGAAACCAAATACTTTGGAAGCACAAATGAACTCAGGAAATCAG
 TCAGGCTTTAGCATCAAAGAAACTCATATNCAAGGGAGCTGACATAGTGGATTAAGTCA
 CAGAAGGAGAGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024604 unedited
 GGATCGGTTTTTTTTCTTTTTTTTTCTCTTGTATATTTTTATTTTCAGAAAAACAGAT
 TCACTTGAATACAATTCTACTAGTTAAATCACAATTCACCTTATAGTTAATTAACTTAT
 GTTCAAAGATAGTCTTTCTGCTATATAATTTCAATTTCTTAAAAAGCAAAACACTTTC
 AGTAGAAAAAATTTACATATGAAAGTCAAAAACAATTATTTTCAGCAAAAATGGAAATCAA
 CCACCGTATCTTTTCTTGAGTTCTTCGACAGAACTATCCTTCAATCCTGACTTGTCTATG
 TGATTAATAATGCACGTGCAATCTTTTTCTCTGTTTCTGACATAAACATCACTGCCATA
 TCAAACCTTTTTAGTTCAAGAAAGCTTTTGAAGATTTCAAAGATGAGTAATGGCTTTTCT
 TTCTCAATGTAAGTCAATGCAGAAATTTAACGATCTGGTTGAATACATCTGGATCCAGA
 TTTTCTGAAACAACCTTAAGATACAAAGATGGTTCAATTTGCTTTAAATACTGATACAAC
 ATATCTGGAGAACTTTTCAATTTGCTGAAATCAGATTCGAGCCTGAACGAGTTTGCAGGA
 ATTGGAGGAAGAAGAGTTGTGGCCAAGTGGAGCAGTGGTTGTTCTATCTCTATGGGCATTT
 TCTCGCTGTAAGACTGACATACATCCTGCTTCAAACCTGGCTTGAGGGTGCCAGGGTGAGT
 ATCACTGACTTTTTCTATTTTCATACTTTTCTGCTTGGAGGATCACTTGTGGGAAAAAG
 GGCATCTTGCGTGAAATTTTTCTTACTTGTGGGGGCCCGGGGTGCCATTAC

Restriction Sites:

NotI-NotI

ACCN:

NM_024604

Insert Size:

2350 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_024604.1](#), [NP_078880.1](#)

RefSeq Size: 2279 bp

RefSeq ORF: 1998 bp

Locus ID: 79657

UniProt ID: [Q9H6T3](#)

Cytogenetics: 12q13.11

Domains: TPR

Protein Families: Protease

Gene Summary: This gene encodes an RNA polymerase II-associated protein. The encoded protein may function in transcriptional regulation and may also regulate apoptosis. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.