

Product datasheet for **RC223187**

RPAP3 (NM_024604) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPAP3 (NM_024604) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	RPAP3
Synonyms:	hSpagh; Tah1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC223187 representing NM_024604
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTTCAGCAAATAAAGCAATCGAATTACAACACTACAAGTGAACAAAAATGCAGAAGAATTACAAGACT
TTATGCGGGATTTAGAAAAGTGGGAAAAAGACATTAACAAAAGGATATGGAAGTAAAGAAGACAGAAATGG
TGTTCTGAAGAGAATTTACCTCTATTCGAAATGGGAATTTTAGAAAAAGAAGAAAGGCAAAGCTAAA
GAGTCTTCAAAAAACCAGAGAGGAAAAACAAAAACAGGATAAAATCTTATGATTATGAGGCATGGG
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GTCTGATTGTAATTTAGCAGTTGCCTTGAATAGAAGTTATACAAAGGCTTATTCCAGACGAGGTGCTGCT
CGATTTGCTTTGCAAAAATTAGAAGAGGCCAAAAAGATTATGAAAGAGTATTAGAACTAGAACCAATA
ACTTTGAAGCAACAAATGAACTCAGGAAAATCAGTCAGGCTTTAGCATCCAAAGAAAACCTCATATCCAAA
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CAGGCCATTTAGAGAAAGATCGGGGGAATGGATTTTTCAAAGAGGGGAAAATATGAAAGAGCAATTGAAT
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GCCATTACTCATCTTTGAAATCTTACAAAGACTTTCTGAACTAAAAGGTTTGATATGGCAGTGATGTTT
ATGTCAGAAAACAGAGAAAAGATTGCACGTGCATTATTTAATCACATAGACAAGTCAGGATTGAAGGATA
GTTCTGTGCAAGAAGTCAAGAAAAGATACGGTGGT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223187 representing NM_024604
 Red=Cloning site Green=Tags(s)

MTSANKAIELQLVQKQNAEELQDFMRDLENWEKDIKQKDMELRRQNGVPEENLPPIRNGNFRKKKKGKAK
 ESSKKTREENTKNRIKSYDYEAWAKLDVDRILDELDKDDSTHESLSQESESEEDGIHVDSQKALVLKEKG
 NKYFKQGYDEAIDCYTKGMDADPYNPVLPTNRSAYFRLKFFAVAESDCNLAVALNRSYTKAYSRRGAA
 RFALQKLEEAKKDYERVLELEPNNFATNELRKISQALASKENSYPKEADIVIKSTEGERKQIEAQQNKQ
 QAISEKDRGNGFFKEGKYERAIECYTRGIAADGANALLPANRAMAYLKIQKYEEAEKDCTQAILLDGSYS
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 DNPPHPGSTKPLKVIIEETGNLIQTIDVPDSTTAAAPENNPINLANVIAATGTTSKNNSQDDLFPSTSD
 TPRAKVLKIEEVSSTLQPPQASLKQDVCQSYSEKMPIEIEQKPAQFATTVLPPIANSFQLESDFRQLK
 SSPDMLYQYLKQIEPSLYPKLFQKNLDPVFNQIVKILHDFYIEKEKPLLIFFILQRLSELKRFDMAMVM
 MSETEKKIARALFNHIDKSLKDSVVEELKKRYGG

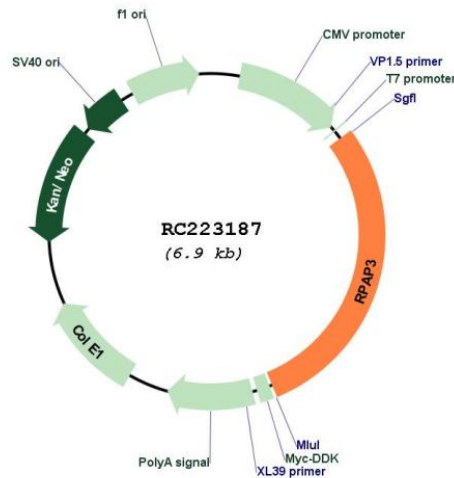
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mg4521_e01.zip

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_024604

ORF Size: 1995 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_024604.3](#)

RefSeq Size: 2279 bp

RefSeq ORF: 1998 bp

Locus ID:	79657
UniProt ID:	Q9H6T3
Cytogenetics:	12q13.11
Domains:	TPR
Protein Families:	Protease
MW:	75.5 kDa
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]