

Product datasheet for MC224415

Rpap1 (NM_177294) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpap1 (NM_177294) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rpap1
Synonyms: 1190005L06Rik; A730023M06Rik; AU041788; AW107702; mKIAA1403
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224415 representing NM_177294
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATGCTGTCCAGACCGAAGCCTGGAGAGTCAGAGGTGGACCTGCTGCGCTTCCAGAGCCAGTTCCTTG
 AGGCTGGTGCAGCCCCGGCGGTGCAGCTGGTGAAGGGGAGTAGGAGGCATGGTATGCTCCTCCAGACCG
 GCTCCCACCGCAGGACCATCGGGATGTGGTATGCTGGACAATCTCCAGATTTGCCCCAGCTCTGCTT
 CCCGCTCTGCAAAAAGAGCAAGACCGAGCCCTGGTCACCCGCTGCCTCACGATGAAGACCTGAAGAGA
 GGCTGAACAGGCATGATCAGCACATCACTGCTGTCTTGTCTAAGATTGTTGAACGAGATACAAGTTCACT
 CACTGTGACTCTGCCTGTGCCAGTGGTGTGCTTTCCCGCTGTGTTCCATCGCTCTCAGGAGAGACAG
 GTGAAACCAGCAGCATCTGGTAAAAGGAGCATCTTTGCCCAAGAGATTGCAGCAAGAAGGGTGTGAGGAA
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 ACCCTCCTTCAGGGACAGAAGCAACCAGCTTCTGGGAGGAGTCATGGCTTCCACAGACCAATCTAGTC
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 GACTACAAGCCATGGATCCTGAGGAGATCCTGAAGGAGCAGCAGCTTACTGGCTCAACTCGACCCAG
 CTTGGTTGCCCTTCTGAGATCTCATAGCCAGGTCCAGGAACAAACAGGAACAAAGGCCACCAAGAAGCAG
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 GACAAGCTCCACTGGACCCAGGACTGCCCCACTCCGGCGGCAGCAGACACAGGAGAGAATGCAGGCTC
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 CGGAGAAGAGGCCGAGCAGGAGGATTTCTCTACAGGAGCTGTCCACCTGACCCGTAGCCAGGTGTCC
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 GGATGACAGGGTGGACAGTGTATCGCAGCAGCTGCCGGCTCTTCGTACTCTGCTAGTGGCTCCTGGA
 GATGAGGAGCTCCTGGACCCACCTTCTTGGTATCATGGAGCTTCGGTGTCCCTCTGATGCCAGCC



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AGGACGATAAAGAGGATGAAGATGAAGATGAGGAACTCGAAACAGAAAAGGTGAAGAGAAAAGACACCTGA
GGAAGGAAGCCGCCCTCCCCGGACCTGGCCAGACATGATGTCATCAAGGGGCTCCTGGCTACCAACCTG
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TTCATCTTCTGCCAAGACCCAAAGAGCTCAGATGAGGTAAGACTGCCGAAGGAGTATGCTGCAGAGAA
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GGGCTCCAGAATGGAGGAGTCAAGACATAG
    
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_177294

Insert Size:

4230 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:	<ol style="list-style-type: none">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_177294.5, NP_796268.3</u>
RefSeq Size:	4822 bp
RefSeq ORF:	4230 bp
Locus ID:	68925
UniProt ID:	<u>Q80TE0</u>
Cytogenetics:	2 E5
Gene Summary:	<p>Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. Required for interaction of the RNA polymerase II complex with acetylated histone H3 (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.</p>