

Product datasheet for **RR202257**

Pap0lb (NM_001012020) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pap0lb (NM_001012020) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pap0lb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR202257 representing NM_001012020
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCCATTTGCGGTGACCACCAAGGAGCACAACAACCGGCTCCCGCCCCGAAGCAGTACGGCATAT
 CGTCCCCCATCAGCCTGGCCGCCCCCAAGGACACAGACCGGAACACCCAGAAGCTGATCGAGACCCT
 CCAGCCCTTCGGGGTGTGTTGAAGAGGAAGAGAACTGCAGCGCAGGATTTAATTTTGCAGAAATTAAT
 AATCTGGTGAAGGAATGGATCCGAGAAATCAGTAAAAGCAGGAATCTTCCACAAGCTGTAATTGAGAATG
 TTGGGGGGAAAAATTTTACGTTCCGGCTCTTACCGACTAGGAGTACACACGAAAGTGCAGATATCGATGC
 GTTGTGCGTTGCACCAAGACACGTGGATCGAAATGACTTTTTACCTCCTTCTATGACAAATTGAAACTA
 CAGGAGGAAGTAAAAGATTTAAGAGCGTTGAGGAGGCCCTTTGTGCCGTTATCAAAGTGTGTTTGTGAT
 GAATAGAGATTGATATTTGTTTGAAGATTAGCATTGCAGACTATCCGGAAGATTTGGACCTACGAGA
 TGATAGTCTGCTAAAAATTTAGATATTAGGTGCATAAGAAGCCTAATGTTGCCGGTAACTGATGAA
 ATTTTACACCTAGTACCAAACATTGACAGCTTCAGGTTAACACTGAGAGCCATCAAATTTGGGCCAAAT
 GCCACAACATCTATTCCAATATATTGGGTTTCTTGGAGGTGTTTCTGGGCTATGCTGGTAGCAAGAAC
 TTGCCAGCTTTATCCAAATGCAATAGCATCCACTCTTGTACGAAAATTTTCTTGGTATTTTCTGAGTGG
 GAATGGCCAAATCCAGTCTTGTTAAAAGAACCAGAAGAACGAAATCTTAACTTGCCTGTATGGGACCCAA
 GAGTGAATCCTAGTGACAGGTACCATCTTATGCCTATAATTACACCAGCATACCCACAGCAGAATCCAC
 ATACAATGTGTCTGTGTCAACCAGGATGGTCATGATTGAGGAGTTAAGCAAGGGCTTGCATCACACAT
 GAAATTCGTGAATAAGGCAGAATGGTCCAACTTTTTGAAGCTCCAAGCTTTTTTTCAGAAATATAAGC
 ATTATATTGTAATAAGGCAGAATGGTCCAACTTTTTGAAGCTCCAAGCTTTTTTTCAGAAATATAAGC
 AAAGATCCGAATCCTGGTTGGGAGCCTGGAAAAGAATGAATTCATTACTCTGGCACATGTGAATCCCCAG
 TCATTTCCAGCACCTAAAAGAAAATGTTGACAAAAGAAGATTTCTGACTATGTGGGTGATTGGGTTAGTGT
 TGAAAAAGCCAGAAAATCTGAAATTCAGTATTGATCTCACTTATGATATTCAGTCTTTCACAGATAC
 AGTGTACAGACAAGCAATAAATAGTAAGATGTTTGAGATGGATATGAAGATTGCTGCAATGCATCTAAGA
 AGAAAGGAACCTCATCAGCTACTTCCAAATCATGTTCTTCAGAAAAGGAAACACATTTAACAGAAGGTG
 TAAGATTGACAGCTGTGAATGATAGCAGCCTTCTCTTGTCTATAGACAGTAAAACAGCATGACTGCACC
 TTCACCTACTGGCACTATAAAGACAGGCCCACTGACTGCAAACCCTCAGGGCAGAAACAGTCTGCTCTG
 GCTGTTATGGCAGCATCCGTGACCAACATACAGTTTCTGACGTTTCTTGCAGCAGTGAACCCCATAG
 AAAGTTCAGGGATTGCACTGAGTAAAAGCATTGCTCAGATTCCCTCACAGCCGACCATCTACCACCACC
 TAAGCCTACCATGACCAGAGTTGTTTCTTGACACATCTGGTAAACCATCCATCTAGACCTTCAGGAAAT
 ACAGCAACAAACATACCAATCCTATACTAGGAGTACAGCAACAAACATACCAATCCTATACTAGGAG
 TC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR202257 representing NM_001012020
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MMPFAVTTQGAQQPAPAPKQYGISSPISLAAPKDTDREL TQKLIETLQPFVFEIEEEELQRRILILQKLN
 NLVKEWIREISESRNLPQAVIENVGGKIFTFGSYRLGVHTKGADIDALCVAPRHVDRNDFFTSFYDKLKL
 QEEVKDLRAVEEAFVPVIKLCFDGIEIDILFARLALQTIPEDLDRDSSLKKNLDIRCIRSLNGCRVTE
 ILHLVPNIDSFRLTLRAIKLWAKCHNIYSNILGFLGGVSWAMLVARTCQLYPNAIASTLVRKFFLVFSEW
 EWPNPVLLKEPEERNLNPVWDPRVNPSPDRYHLMPIITPAYPQQNSTYNVSVSTRMVMIEEFKQGLAITH
 EILLNKAWSKLFAPSFQKYKHYIVLLASAPTEKQHLEWVGLVESKIRILVGSLEKNEFITLAHVNPQ
 SFPAPKENVDKEEFRTMWVIGLVLKKPENSEILSIDLTYDIQSFTDTVYRQAINSKMFEMDMKIAAMHLR
 RKELHQLLPNHVLQKKETHLTEGVRLTAVNDSSLLL SIDSENSMTAPSPTGTIKTGPLTANPQGRNSPAL
 AVMAASVTNIQFPDVS LQHVNPIESSGIALSESIAQIPSOPTISPPP KPTMTRVVSSTHLVNHPSRPSGN
 TATNIPNPILGVTATNIPNPILGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001012020

ORF Size: 1926 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 Size: 2349 bp

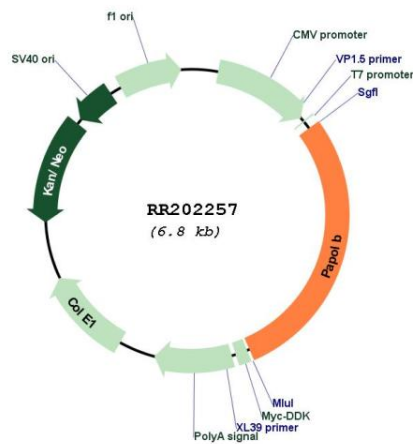
RefSeq ORF: 1929 bp

Locus ID: 304300

Cytogenetics: 12p11

MW: 72.3 kDa

Product images:



Circular map for RR202257