

Product datasheet for **MR215877**

Pap0lb (NM_019943) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pap0lb (NM_019943) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pap0lb
Synonyms:	PAP; Paplob; Papola-ps; Papt; Plap-ps; Tpap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR215877 representing NM_019943
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCCATTTGCGGTGACCACCAAGGAGCACAAACCGGCTCCCGCCCCGAAGCAGTTCGGCATAT
 CGTCCCCCATCAGCCTGGCCGCCCCCAAGGACACAGACCGGAACACCCAGAAGCTGATCGAGACCCT
 CCAGCCCTTCGGGGTGTGTTGAAGAGGAAGAGAACTGCAGCGCAGGATTTAATTTTGCAGAAATTAAT
 AATCTGGTGAAGGAATGGATCCGAGAAATCAGTAAAAGCAGGAATCTCCACAAGCTGTAATTGAGAATG
 TTGGGGGGAAAAATTTTACGTTCCGGCTCTTACCGATTAGGAGTACACACGAAAGTGCAGATATCGATGC
 TTTGTGCGTTGCACCAAGACACGTGGATCGAAATGACTTTTTACCTCCTTCTATGACAAATTGAAACTA
 CAAGAGGAAGTAAAAGATTTAAGAGCTGTTGAGGAGGCCTTTGTGCCGTTATCAAAGTGTGTTTGTGATG
 GAATAGAGATTGATATTTGTTTGAAGATTAGCATTGCAGACTATTCCAGAAGATTTGGACCTACGAGA
 TGATAGTCTGCTTAAAAATTTAGATATTAGGTGCATAAGAAGCCTAACGTTGCCGGTAACTGATGAG
 ATTTTACATCTAGTACCAAACATTGACAGCTTCAGGTTAACACTGAGAGCCATCAAATATGGGCCAAAT
 GCCACAACATCTATTCCAATATATTGGGTTTCTTGGAGGTGTTTCTGGGCTATGCTAGTAGCAAGAAC
 TTGCCAGCTTTACCCAAATGCAATAGCATCCACTCTTGTGCGAAAATTTTCTTGGTGTGTTTCTGAGTGG
 GAATGGCCAAATCCAGTGTGTTAAAAGAACCAGAAGAACGAAATCTTAACTTGCCTGTATGGGACCCAA
 GAGTGAATCCTAGTGACAGGTACCATCTTATGCCTATAATTACACCAGCATACCCACAGCAGAATCCAC
 GTACAAATGTGTCTGTTTCGACCAGGATGGTCATGATTGAGGAGTTTAAACAAGGACTTGCATCACACAT
 GAAATTCGTGAATAAGGCAGAATGGTCCAACTTTTTGAAGCTCCAAGCTTTTTTCAAAAATACAAGC
 ATTATATTGACTTCTGGCAAGTGCCCAACAGAGAAAACAACATTTAGAGTGGTGGGCTTGGTGGATC
 AAAGATCCGAATCCTGGTTGGGAGCCTGGAAAAGAATGAGTTCATTACTCTGGCTCATGTGAATCCTCAG
 TCGTTTCCAGCACAAAAGAACTGCTGACAAGGAAGAATTTCTGACTATGTGGGTGATCGGTTAGTGT
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 AGTGTACAGACAAGCAATAAATAGTAAGATGTTTGGATGGATATGAAGATTGCTGCAATGCATCTAAGA
 AGGAAGGAATTCATCAGCTACTTCCAAATCATGTTCTTCAGAAAAGGAAACCCATTTAACAGAAAGTG
 TAAGGCTGACAGCTGTGACTGACAGCAGCCTTCTCTTGTCTATAGACAGTAAAACAGCATGACTGCTCC
 TTCACCTACTGGCACTATGAAGACAGGTCCACTGACTGGAACCCCTCAGGGCAGAAACAGTCTGCTCTG
 GCTGTTATGGCAGCATCTGTGACCAACATACAGTTTCTGATGTTTCTTGCAGCATGTGAATCCCATAG
 AAAGCTCAGGAATTGCACTGAGTAAAAGCATCCCTCAGATTCCCTCACAACCTACCATTTACCACCACC
 TAAGCCTACAATGACCAGAGTGGTTTCTTCGACACATCTGGTAAACCATCCATCTAGACCTTCAGGAAAT
 ACAGCAACGAACATACCAATCCTATACTAGGAGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >MR215877 representing NM_019943
 Red=Cloning site Green=Tags(s)

MMPFAVTTQGAQQPAPAPKQFGISSPISLAAPKDTDREL TQKLIETLQPFVFEIEEEELQRRILILQKLN
 NLVKEWIREISESRNLPQAVIENVGGKIFTFGSYRLGVHTKGADIDALCVAPRHVDRNDFFTSFYDKLKL
 QEEVKDLRAVEEAFVPVIKLCFDGIEIDILFARLALQTIPEDLDRDSSLKNDIRCIIRSLNGCRVTE
 ILHLVPNIDSFRLTLRAIKLWAKCHNIYSNILGFLGGVSWAMLVARTCQLYPNAIASTLVRKFFLVFSEW
 EWPNPVLLKEPEERNLNLPVWDPVPRVNPSPDRYHLMPIITPAYPQQNSTYNVSVSTRMVMIEEFKQGLAITH
 EILLNKAESKLFAPSFQKYKHYIVLLASAPTEKQHLEWVGLVESKIRILVGSLEKNEFITLAHVNPQ
 SFPAPKETADKEEFRTMWVIGLVLKKPENSEILSIDLTYDIQSFTDTVYRQAINSKMFEMDMKIAAMHLR
 RKELHQLLPNHVLQKKETHLTSVRLTAVTDSSLLLSDSENSMTAPSPTGTMKTGPLTGNPQGRNSPAL
 AVMAASVTNIQFPDVS LQHVNP IESSGIALSESIPQIPSOPTISPPP KPTMTRVVSSTHLVNHPSRPSGN
 TATNIPNPILGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9059_b06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_019943

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: [NM_019943.2](#), [NP_064327.1](#)

RefSeq Size: 2337 bp

RefSeq ORF: 1929 bp

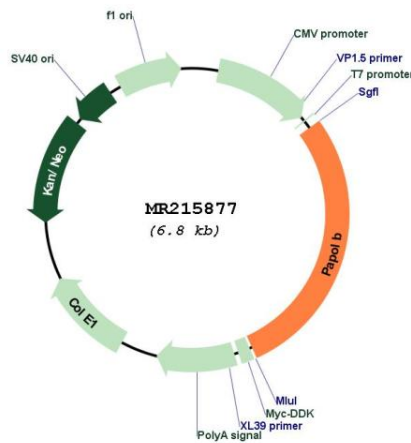
Locus ID: 56522

UniProt ID: [Q9WVP6](#)

Cytogenetics: 5 G2

MW: 72.3 kDa

Product images:



Circular map for MR215877