

Product datasheet for SC125758

POP4 (BC004438) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	POP4 (BC004438) Human Untagged Clone
Tag:	Tag Free
Symbol:	POP4
Synonyms:	1110023P21Rik; POP4 (processing of precursor , <i>S. cerevisiae</i>) homolog; processing of precursor 4, ribonuclease P/MRP subunit (<i>S. cerevisiae</i>); RPP29
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC004438 edited

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CGGAAGCGGTCCGAGAATGAAGAGTGTGATCTACCATGCATTGTCTCAGAAAGAGGCGAA
TGACTCCGATGTCCAGCCTTCAGGAGCACAGCGGGCCGAGGCCTTCGTGAGGGCCTTCCT
GAAGCGCAGCACGCCCCGCATGAGCCCGCAGGCCCGCAGGACCAGCTGCAGCGCAAGGC
GGTGGTCTGGAGTACTTACCCGCCACAAGCGCAAGGAGAAGAAGAAGAAAGCCAAAGG
CCTCTCTGCCAGGCAAAGGAGGGAGCTGCGGCTCTTTGACATTAACCCAGAGCAGCAGAG
ATACAGCCTTTTCTCCCTCTCCATGAACTCTGAAACAGTACATCAGGGACCTGTGCAG
TGGGCTCAAGCCAGACACGCAGCCACAGATGATTCAGGCCAAGCTCTTAAAGGCAGATCT
TCACGGGGCTATTATTTCACTGACAAAATCCAAATGCCCTCTTATGTGGGTATTACAGG
AATCCTTCTACAGGAAACAAAGCACATTTTCAAATTATCACCAAAGAAGACCGCTGAA
AGTTATCCCCAAGCTAACTGCGTGTTCACTGTGGAAACCGATGGCTTTATTTCTACAT
TTACGGGAGCAAATTCAGCTTCGGTCAAGTGAACGGTCTGCGAAGAAGTTCAAAGCGAA
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CTGGACACTCCCTAAATGTCCACCTTTCAGTGAAGAGATAGTTAAGCCAATTCCATTAT
AGACCACCTCCAGCCAGTGACGCTCCGAGTTGAGGATGTTGAACAACATGGGAAGTCGC
AGCGTACTAAGTGAAGAAGTCAAGGACAGAGGAATTTCTTTCTAGGAGATTTTCATT
TTGTGTGACTCCCATGGGAGGAACAGACTGGCAGGAAGCACACCGGGGTTAACTACTGGT
TGACTTGAATAGGATTATTCGATTTTAAAAATACTTTTCCATGTTTTCTGAGTGCTCTA
TGATAAATCAGTTGCATCTGTGATAATAACAATACATATGTGGACATAAACAGGGATCAAA
TAAAGGAGGTATTGCTGCAAAAAAAAAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC004438 unedited <pre> GCGTTACATTTGTATACGACTCATATAGGCGCGCCGCGAATTCGCACGAGGCGGAAGCG GTCCGAGAATGAAGAGTGTGATCTACCATGCATTGTCTCAGAAAGAGGCGAATGACTCCG ATGTCCAGCCTTCAGGAGCACAGCGGGCCGAGGCCTTCGTGAGGGCCTTCCTGAAGCGCA GCACGCCCCGCATGAGCCCGCAGGCCCGCAGGACCAGCTGCAGCGCAAGGCGGTGGTCC TGGAGTACTTCACCCGCCACAAGCGCAAGGAGAAGAAGAAGAAAGCCAAAGGCCTCTCTG CCAGGCAAAGGAGGGAGCTGCGGCTCTTTGACATTAAACCAGAGCAGAGAGATACAGCC TTTTCTCCCTCTCCATGAACTCTGGAACAGTACATCAGGGACCTGTGCAGTGGGCTCA AGCCAGACACGCAGCCACAGATGATTCAAGGCCAAGCTCTTAAAGGCAGATCTTCACGGGG CTATTATTTTCAGTGACAAAATCCAAATGCCCTCTTATGTGGGTATTACAGGAATCCTTC TACAGGAAACAAAGCACATTTTCAAAATTATCACCAAAGAAGACCGCCTGANAGTTATCC CCAAGCTAAACTGCGTGTTCAGTGTGGAACCGATGGCTTTATTTCTACATTTACGGGA GCAAAATCCAGCTTCGGTCAAGTGAACGGTCTGCGAAAGAGTTTCANAGCGAAGGGAANCA TTGACCTGTGAATTCTTTGCCGTCTAAGGCAGTTGTTNATGACAGCTGANNACTGGACAC TCCCTAAATGTGCACCTTTCAGTGAAGAGATAGTTTAAAGCCATTCCATTTATAGACCACC TTCAGCCAGTGACGCTCCGAGTTGAGGATGTTTGACACATGGGAAGTCGCAGCGTACTAG GTGAGAAGTCNAGGACAGAGATTCTCT </pre>
Restriction Sites:	Please inquire
ACCN:	BC004438
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:	BC004438.1 , AAH04438.1
RefSeq Size:	1116 bp
Locus ID:	10775
Cytogenetics:	19q12
Gene Summary:	This gene encodes one of the protein subunits of the small nucleolar ribonucleoprotein complexes: the endoribonuclease for mitochondrial RNA processing complex and the ribonuclease P complex. The encoded protein is localized to the nucleus and associates directly with the RNA component of these complexes. This protein is involved in processing of precursor RNAs. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2009]