

Product datasheet for MC202992

Pop5 (NM_026398) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pop5 (NM_026398) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pop5
Synonyms: 1500019J17Rik; 2700077E03Rik; AW049989; Rnasep3
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC022670

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CCCACGCGTCCGCGGACGCGTGGGATCCGAACCCACGCCTGTGGCTACGTTACAGCAGGTCCCAGATCGT
GCGACACTCTCGGACTTTAAGTGCAGGGCTGACCTTAAACGTTCACTTGGGGACTCTGAGCGCACAGAA
CTTGTGTGAAAAATCCCCAGCGCTGCCGAGGGGAACGCATGCGCTCTTACGCCCGCCGCGGAGGCGG
AGCGTGGAGATTGACAGGGCACGCTGCCTGTCCGAGCCTAGTGCCGCTTCTCCCGCATCCGGCGCGGA
CGCCATGGTGCGGTTCAAGCACAGGTACCTTCTGTGCGAGCTGGTGTCCGAGGACGCGCGTCCGTTTG
AGCCTGGACGACCGCGTGTGGGCGGGTGGTCCGCGACACGATCGCCCGGGTGCACGGGCTTCCGGCG
CCGCCGCTGCTCCGTGGGCTTTGCAGTCCGATACCTCAATGCCTACACTGGAGTCGTGCTACTGCGATG
CCGGAAGGATTTCTACCAGCTCGTGTGGTCACTCTTCTTTTATCACCTATTTGGAGAACAAGGCCAC
CGTTACCGTGTCTTCAACACATTACACGTGGGAGGTACCATCAGAACCTGTCAGAAGTTCCTGATCC
AGTACAACAGGAGACAGCTGCTGATCTTGTGCGAATTGCACTGACGAAGGAGAGCGGGAAGCCATCAA
GAAGTCTGTCTAAGAAGCTGTCTGCTGGACAGAGAGCCGTTGAAGAGCTTTCAGACAGTGTGGTGGAG
GAGGTTGCAGAAGCAATGGAGTGACCGTTTCCAGGCCACTTGTGGGAACAGGACATTACAGGAGGTGAC
AACAGCATCCCACAGTTCTCCAATGGAAATGACTGATAACCAGCACTCAGGTGACAGCTTGAAGTGGAG
GGCTTGTGCCTTACCTTGATCCATGGTTGTGAAGGCTCTGTGCAGACATTTCCGGATGTAAGTCTTAG
CTCAGGGTGGAAATAACATTCTAAACATAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI

ACCN: NM_026398

Insert Size: 510 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).



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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>BC022670</u> , <u>AAH22670</u>
RefSeq Size:	1030 bp
RefSeq ORF:	510 bp
Locus ID:	117109
UniProt ID:	<u>Q9DB28</u>
Cytogenetics:	5 F
Gene Summary:	Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences.[UniProtKB/Swiss-Prot Function]