

Product datasheet for **MC210285**

Pop4 (NM_025390) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pop4 (NM_025390) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pop4
Synonyms: 1110023P21Rik; Rpp29
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210285 representing NM_025390
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGCTGCCATCTACCATGCCTTTTCTCATAAAGAAGCCAAGGACCACGATGTGCAGGAGCTGGAA
GCCAGCGGGCTGAGGCCTTTGTGCGGGCCTTCTGAAGCAGAGCATACCTCACATGAGCCAAGAAGACTG
TGAGAGCCATCTGCAGCGCAAGGCCGTGATCTTGAATATTTCACTCGCCTAAAGCCAAGCCAAGGCCA
AAGAAGAAATCCAAGGCCCTCTCTGCCAAACAGAGGAGAGACATGCGGCTCTTTGACATTAACCCAGAGC
AACAGAGATACAGCCTGTTCTCCTCTCCATGAACTCTGGAAACAGTACATCCGGGACCTGTGCAATGG
GCTCAAGCCGGACACGCAGCCACAGATGATTCAGGCCAAGCTCCTAAAGGCAGATCTTTCATGGTGCTATT
ATTTCAAGTACGAAATCCAAGTCCCTCTATGTGGGAGTTACAGGAATCCTTCTGCAGGAGACCAAAAC
ATGTCTTAAGATCATCACCAGAGAAGACCACCTAAAAGTCATCCCAAGCTGAATTGTGTGTTCCACCAT
AGAAATTGATGACTTCATTTCTACATTTATGGAAGCAAATTCAGCTTCGGGCAAGTGAGCGGTCTGCC
AAGAAGTTCAAAGCAAAGGGATCAATTGACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025390
Insert Size: 666 bp



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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_025390.4</u> , <u>NP_079666.1</u>
RefSeq Size:	1214 bp
RefSeq ORF:	666 bp
Locus ID:	66161
UniProt ID:	<u>Q9CR08</u>
Cytogenetics:	7 B3
Gene Summary:	Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends.[UniProtKB/Swiss-Prot Function]