

## Product datasheet for MC209266

### Pura (NM\_008989) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pura (NM\_008989) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pura  
**Synonyms:** CAGER-1; Pur-alpha; ssCRE-BP  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC209266 representing NM\_008989  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGACCGAGACAGCGGCAGCGAGCAGGGTGGTGCGGCGCTGGGCTCGGGCGGCTCCCTAGGGCACC  
 CGGGCTCGGGCTCAGGCTCCGGCGGGGGCGGTGGTGGCGCGGGGGCGGGCGGCAGTGGCGGCGCGG  
 CGGGGCCCGGGGGGCTGCAGCACGAGACGCAGGAGCTGGCCTCCAAGCGGGTGGACATCCAGAACAAG  
 CGTTTCTACCTGGACGTGAAGCAGAACGCTAAGGGCCGTTTCTGAAGATCGCAGAGGTGGGCGCTGGCG  
 GCAACAAGAGCCGCTCACCTCTCCATGTCTGTGGCCGTGGAGTTCGCGACTACCTGGGCGACTTCAT  
 CGAGCACTACGCGCAGCTGGGCCCCAGCCAGCCACCCGACTGGCCAGGCACAGGACGAGCCACGCCGG  
 GCGCTCAAGAGCGAGTTCCTGGTGCAGCAAAACCGCAAGTACTACATGGATCTCAAGGAGAACCAGCGCG  
 GCCGCTTCTGCGCATCCGCCAGACAGTCAACCGGGGGCCCGCCTGGGCTCCACGCAGGGCCAGACCAT  
 TGCGCTGCCCCGCACAGGGTCTCATCGAGTTCGCTGACGCTCTGGCCAAGCTCATCGACGACTATGGAGTG  
 GAGGAGGAGCCGGCCGAGCTGCCGAGGGCACCTCCTTGACTGTGGACAACAAGCGCTTCTTCTTCGATG  
 TGGTTCCAACAAGTACGGCGTGTATGCGAGTGAGTGAGGTGAAGCCACCTACCGCAACTCCATCAC  
 CGTGCCCTACAAGGTGTGGCCAAAGTTCGGACACACCTTCTGCAAGTACTCCGAGGAGATGAAGAAGATT  
 CAAGAGAAACAGAGGGAGAAGCGGGCCGCTTGTGAGCAGCTCCACCAGCAACAGCAGCAGCAAGAGG  
 AGACCACCGCTGCCACCTGCTACTGCAGGGCGAGGAAGAAGGGGAAGAAGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_008989



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<b>Insert Size:</b>	966 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_008989.3</a></u> , <u><a href="#">NP_033015.1</a></u>
<b>RefSeq Size:</b>	1602 bp
<b>RefSeq ORF:</b>	966 bp
<b>Locus ID:</b>	19290
<b>UniProt ID:</b>	<u><a href="#">P42669</a></u>
<b>Cytogenetics:</b>	18 B2
<b>Gene Summary:</b>	This is a probable transcription activator that specifically binds the purine-rich single strand of the PUR element located upstream of the c-Myc gene. May play a role in the initiation of DNA replication and in recombination.[UniProtKB/Swiss-Prot Function]