

## Product datasheet for **RN206306**

### **Pax8 (NM\_031141) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pax8 (NM_031141) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pax8
Synonyms:	MGC93376
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN206306 representing NM\_031141  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCCTCACAACTCGATCAGATCCGGCCACGGAGGGCTGAATCAGTTAGGAGGGCTTTTGTGAATGGCA  
 GGCTCTGCCAGAAGTTGTCCGGCAACGCATTGTGGACTTGGCCACCAGGGAGTGAGACCCTGTGATAT  
 CTCTCGCCAGCTTCGTGTAGCCATGGCTGTGTAAAGCAAGATCCTTGGCAGGTAACGAGACTGGCAGC  
 ATCCGGCTGGAGTGATAGGGGGCTCCAAGCCCAAGGTGGCCACCCCAAGGTGGTGGAGAAGATAGGGG  
 ACTACAAGCGGCAGAACCCTACCATGTTTGTGGGAGATCCGGGACCGGCTCTTGGCAGAAGGCGTTTG  
 TGACAATGACTGTGCCAGTGTGAGTCCATCAACAGAATCATCCGGACCAAAGTGCAGCAGCCATTC  
 AACCTCCCATGGACAGTGCCTGGCCACCAAATCTCTGAGCCAGGACACACTGATCCCGAGCTCAG  
 CTGTCACACCCAGAGTACCCAGTCGGATTCTTGGGCTCTACCTACTCTATCAACGGGCTCCTAGG  
 AATTGCTCAGCCTGGCAGTGACAACAAGAGAAAGATGGATGATAGTGACCAGGACAGTTGTCGACTGAGC  
 ATCGATCCAGAGCAGCAGTAGTGGTCCCGAAAGCATCTTCGTACAGACACCTTCGGGAGCAGCCACC  
 TCGAGCCGCTCGAGTGCCCGTTTGGAGCGCAGCATTACCCGGAGGCTATGCCTCCCCAGCCACACCAA  
 AGGCGAGCAGGGGCTATACCCACTGCCCTTACTCAACAGTACCCTGGATGACGAAAGGCCACCCTGACA  
 CCTTCAAATACACCTCTGGGACGCAACCTCTCAACTACCAGACCTACCCTGTGGTGGCAGATCCTCATT  
 CACCCTACGCCATAAAGCAGGAAACCCAGAGCTCTCCAGTTCTAGTCCACCCCTTCTCTTTATCTAG  
 CTCCGCTTTTGGATCTGCAGCAAGTCGGCTCTGGGGCCAGCAGGTGCCTCGGTCCCACCCCTCAAT  
 GCCTTTTCCATGCTGCCTCCGTGTATGGCAGTTCACGGGCCAGGCCCTCCTCTCAGGGCGAGAGATGG  
 TGGGGCCACGCTGCCTGGATACCCACCCACATCCCCACAGTGGACAGGGCAGCTATGCCTCTCCGC  
 TATTGCAGGCATGGTGGCAGGAAGTGAGTATTCTGGCAATGCCTACAGCCACACCCCGTACGCCTCTAC  
 AGTGAGGCTGGCGCTTCCCAACTCCAGCCTGCTGAGTCCCCATATTATTACAGCTCTACAACAAGGC  
 CAAGCGCACCGCCACCTCTGCCACGGCCTTGACCATCTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_031141

**Insert Size:** 1374 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).

**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\\_031141.2](#), [NP\\_112403.2](#)  
RefSeq Size: 2517 bp  
RefSeq ORF: 1374 bp  
Locus ID: 81819  
UniProt ID: [P51974](#)  
Cytogenetics: 3p13  
Gene Summary: acts as a redox regulated transcriptional activator [RGD, Feb 2006]