

Product datasheet for **RN208036**

Pax4 (NM_031799) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pax4 (NM_031799) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Pax4
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN208036 representing NM_031799
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGCAGGACGGTCTCAGCAGTGTGAATCAGCTGGGGGACTCTTTGTGAATGGCCGGCCCTTCCAC
 TGGACACCCGACAGCAGATTGTGCAGCTAGCGATAAGAGGGATGCGACCCTGTGACATCTCACGGAGCCT
 TAAGGTATCTAACGGCTGTGTGAGTAAGATCCTAGGACGCTACTACCGCACAGGAGTCTTGAACCCAAG
 GGTATTGGGGAAGCAAACCACGCTCTGGCCACACCTGCTGTGGTGGCTCGAATTGCCAGCTAAAGGATG
 AGTATCCAGCTCTTTTGCCTGGGAGATCCAACGCCAGCTTTGTGCTGAAGGGCTTTGTACCCAGGACAA
 GGCTCCCAGTGTATCCTCTATCAATCGAGTCCTTCGGGCACTACAGGAAGACCAGAGGTTACACTGGACA
 CAACTTAGATCTCCAGCTGTTTTGGCTCCAGCTTTCCTAGTCCCACAGTAACTGTGAGGCTCCCCGAG
 GTCCCCACCCGGGACCAGCCACAGGAATCGGACTATCTTCTCCCGGGCAAGCTGAGGCACTGGAGAA
 AGAGTTCAGCGTGGGCAGTATCCAGATTCAGTTGTCCGTGAAAGCTGGCTGCTGCCACCTCTCTGCCT
 GAAGACACAGTGAGGGTCTGGTTTTCCAACAGAAGAGCCAAATGGCGCAGACAAGAGAAGTTGAAATGGG
 AAACACAGATGCCAGGTCTTCTCAGGACCTGATGGTACCAAAGATTCTCCAGGGATCATCTCTGCACA
 GCAGTCCCTGGCAGTGTACCCTCAGCAGCCCTGCCTGTGCTGGAACAATTGAATCCTTCTCTGTGAG
 CTGTGCTGGGGGCGAGTACCAGACAGATGTTCCAGTGACACCACATCCCAAGCCTGTCTCAACCCTACT
 GGGAAATGCCACTCCCTCCTTCTGTGGCTTCTTCTCATACATGGAATTTGCCTGGCCCTGCCTCACCAC
 CCATCCTGTGCATCATCTGATTGGAGGCCAGGACAAGCGCCATCAACCTATTACTTACACTGGCCATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_031799
 Insert Size: 1050 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_031799.1</u> , <u>NP_113987.1</u>
RefSeq Size:	1101 bp
RefSeq ORF:	1050 bp
Locus ID:	83630
UniProt ID:	<u>O88436</u>
Cytogenetics:	4q22
Gene Summary:	mouse homolog acts as a transcriptional repressor; may suppress alpha cell differentiation and facilitate beta cell differentiation during pancreatic development [RGD, Feb 2006]