

Product datasheet for **RN209321**

Pax9 (NM_001039539) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pax9 (NM_001039539) Rat Untagged Clone
Tag: Tag Free
Symbol: Pax9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209321 representing NM_001039539
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGAGCCAGCCTTCGGGGAGTGAAACAGCTGGGAGGAGTGTTTCGTGAACGGAAGGCCGCTGCCCAACG
CCATTCGGCTTCGCATCGTGAATTAGCCCAACTGGGCATCCGACCTTGTGACATCAGCCGACAGCTACG
GGTCTCGCAGCGCTGCGTCAGCAAGATCTGGCGCGCTACAACGAGACCGGTTGATTTTCCGGGAGCT
ATCGGGGGAAGCAAGCCCGGGTCACCACCCTACTGTAGTGAAACACATCCGGACTTACAAGCAGAGGG
ACCCAGGCATCTTTGCTTGGGAGATCCGGGACCGCTGCTGGCGGATGGCGTGTGCGACAAGTACAACGT
ACCCTCTGTGAGTTCCATCAGCCGGATTCTGCGCAACAAGATCGGCAACTTGCCAGCAGGGTCACTAC
GACTCCTATAAGCAGCACCAGCCAGCGCCGAGCCCGCGCTGCCCTACAACCACATCTACTCCTACCCCA
GTCCCATCAGGGCGCAGCTGCTAAGGTGCCACACCACCTGGGGTGCCGGCCATCCAGGATCCGTGGC
CCTGCCGCGCACCTGGCCCTCTCTCACTCCGTCACCGACATCCTGGGCATCCGTTCATCACCACCAA
GGAGTGAGCGACAGCTCCCCCTACCACAGCCCCAAGGTGGAGGAGTGGAGCAGCCTGGGCCGCAACAACT
TCTCTGCTGCAGCCCCGACGCAGTAAATGGATTGGAGAAGGGAGCCTTGAGCAAGAAGCCAAGTACGG
CCAGGCACCGAACGGTCTCCAGCTGTGAGCAGTTTTGTATCAGCATCCAGCATGGCTCCTTACCCACA
CCAGCCCAAGTGTCAACCTACATGACCTACAGTCTGCTCCTTCTGGTTACGTTGCTGGACATGGGTGGC
AACATGCTGGCAGCACTCCACTGTCCCCCACAACCTGTGACATTCACACATCACTGGCTTCAAGGGAAT
GCAGGCAGCCAGAGAAGGTAGCCATTCTGTCGACGCTCTGCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001039539
Insert Size: 1029 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:	<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_001039539.1</u> , <u>NP_001034628.1</u>
RefSeq Size:	3951 bp
RefSeq ORF:	1029 bp
Locus ID:	362741
UniProt ID:	<u>Q2L4T2</u>
Cytogenetics:	6q23
Gene Summary:	Transcription factor required for normal development of thymus, parathyroid glands, ultimobranchial bodies, teeth, skeletal elements of skull and larynx as well as distal limbs. [UniProtKB/Swiss-Prot Function]