

Product datasheet for **MC205704**

Pax9 (NM_011041) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pax9 (NM_011041) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pax9
Synonyms: Pax; Pax-9
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC005794

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CTTCCTTTTACTCTTTCTTTGGCACTCTTGTGCGCTCCTCCCGGAAGAAGCCAAGGCACCTAGGCTT
GGAGCAGCGACAGGCCGCTCAGTGAGAACAAAGAAAAAGTTTCTTTCTGGGAGTGCGAACTGGGGCCG
GGTTGGTGTACTGCTCAGAGCAATGGAGCCAGCCTTCGGGGAGGTGAACCAGCTGGGAGGAGTGTTCGTG
AACGGAAGGCCGCTGCCAACGCCATTGCGCTTCGCATCGTGAATTAGCCCAACTGGGCATCCGACCTT
GTGACATCAGCCGCCAGCTACGGGTCTCGCACGGCTGCGTCAAGATCCTGGCGCGCTACAACGAGAC
CGGTTGATTTTGGCGGAGCTATTGGGGGAGCAAGCCCGGGTCAACCCCTACTGTGGTGAACAC
ATCCGGACTTACAAGCAGAGGGACCCAGGCATCTTCGCTTGGGAGATCCGGGACCGCTGCTGGCGGATG
GCGTGTGCGACAAGTACAACGTGCCCTCGGTGAGTTCCATCAGCCGATTCTGCGCAACAAGATCGGCA
CTTGGCCAGCAGGGTCATTACGACTCTTACAAGCAGCACCAGCCCGCGCCGAGCCCGCTGCCCTAC
AACACATTTACTCATATCCCAGTCCCATCACGGCGGCAGCAGCTAAGGTGCCTACACCACCTGGGGTGC
CGCCATCCCGGATCGGTGGCCTTGGCGGCACCTGGCCCTCCTCTCACTCCGTACGGACATTCTGGG
CATCCGCTCCATACCGACCAAGGAGTGAGCGACAGCTCCCCCTACCACAGCCCCAAGGTGGAGGAGTGG
AGCAGCCTGGGCCGCAACAACCTCCCTGCGCCGCCCCGACGCAGTGAATGGATTGGAGAAGGGAGCCT
TGGAGCAGGAAGCCAAGTACGGCCAGGCACCGAATGGTCTCCAGCTGTGAGCAGTTTCTGCTCAGCATC
CAGCATGGCTCCTTACCCTACACCAGCCCAAGTGTACCCTACATGACCTACAGTGTCTCTTCTGGT
TATGTGGCTGGACATGGGTGGCAACATGCCGGCAGCAGCCCACTGTCCCCCACTGTGACATTTCCG
CATCGTGGCTTTCAAGGAATGCAGGCAGCCAGGGAAGGCAGCATTCTGTGACCGCTTCTGCACTCTG
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CCACCCCTCAGTGGTCCAGCTTTACTGCTCAAGAGCTGGCTTATGGATTCAATATCTTTGTGCTGAT
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AAGAACTATCCCCCTCAAAGGCTTATGGAACATTGTAGGTCTGTCTTTGGTAAAACACACCTGTAT
ATTTATTCTAAATCAACCTGAACCTTTCGAAACGTGCAATTGTTGAGATTTGCAAAATCAATAAAGGAAA
ACAGATGTAGAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_011041
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:	BC005794 , AAH05794
RefSeq Size:	1635 bp
RefSeq ORF:	1029 bp
Locus ID:	18511
UniProt ID:	P47242
Cytogenetics:	12 24.53 cM
Gene Summary:	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. Mice lacking this gene exhibit impaired development of organs, musculature and the skeleton, including absent and abnormally developed teeth, and neonatal lethality. Mutations in the human gene are associated with selective tooth agenesis-3. [provided by RefSeq, Sep 2015]