

Product datasheet for **MC205740**

Pax8 (NM_011040) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pax8 (NM_011040) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pax8
Synonyms:	Pax; Pax-8
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC020526
 ACTTCAGAAGGAAGAGACGCCTGGGCCTTGGGCACCTCAGGGGCAGACCCAGGCAGAAAGGGCCTGAGG
 CCAGCCGGCCAGGGTAGCTGCGTGGCAGCCAGAGCTGCCAGGACCTGCGTAGGAAAGCTGCGAGTGTCCC
 TCAGTCTGTGAGCGACTCCCCGGCGATGCCTCACAACTCGATCAGATCCGGCCATGGAGGGCTGAATCAA
 CTAGGAGGGGCTTTGTGAATGGCAGGCCTCTGCCAGAAGTTGTACGTCAACGCATTGTGGACTTGGCCC
 ACCAGGGCGTGAGGCCCTGTGATATTTCTGCCAGCTCCGTGTCAGCCATGGCTGTGAAGCAAGATCCT
 TGGCAGGTACTACGAGACTGGCAGCATCCGGCCTGGAGTGATAGGGGGCTCCAAGCCCAAGGTGGCCACC
 CCCAAGGTGGTGGAGAAGATAGGAGACTACAAGCGGCAGAACCTACCATGTTTGCCTGGAGATCCGGG
 ACCGGCTCCTGGCAGAAGGCGTTTGTGACAATGACACTGTCCCCAGTGTGAGCTCCATCAACAGAATCAT
 CCGGACCAAAGTGCAGCAGCCATTCAACCTCCCCATGGATAGCTGTGGCCACCAAGTCTCTGAGCCCA
 GGACACACACTGATCCCCAGCTCAGCTGTAAACCCCCAGAGTCAACCCAGTCGGATTCTTGGGCTCTA
 CCTACTCTATCAACGGGCTCCTAGGAATTGCTCAGCCTGGCAATGACAACAAGAGAAAGATGGATGATAG
 TGACCAGGACAGCTGTCGGCTAAGCATCGACTCACAGAGCAGCAGCAGTGGTCTCGAAAGCACCTTCGT
 ACGGACACCTTCAGCCAGCACCATCTCGAGGCCCTTGAGTGCCCGTTTGGAGCGCAGCATTACCCGGAGG
 CCTATGCCTCCCCAGCCACACCAAAGGGGAGCAGGGGCTGTACCCACTGCCCTTACTCAACAGTGCCT
 GGATGATGGGAAGGCCACCCTGACATCTTCCAATACACCTCTGGGACGCAACCTCTCGACTCACCAGACC
 TACCCTGTGGTGGCAGATCCTCATTACACCTTCGCCATAAAGCAGGAAACCCAGAGCTCTCCAGTTCTA
 GCTCCACCCCTTCTCTTATCTAGCTCCGCCTTTTTGGATCTGCAGCAAGTCGGCTCTGGGGGCCAGC
 AGGTGCCTCGGTCCCACCCTTAATGCCTTTCCCATGCTGCCTCCGTGTATGGGCAGTTCACGGGCCAG
 GCCCTCCTCTCAGGGCGAGAGATGGTGGGGCCACGCTGCCTGGATACCCACCCACATCCCCACAGTG
 GACAGGGCAGCTATGCCTCTTCTGCTATCGCAGGCATGGTGGCAGGAAGTGAATATTCTGGCAATGCCTA
 CAGCCACACCCCGTATTCTCTACAGTGAGGCCTGGCGCTTCCCAACTCCAGCCTGTGAGTTCTCCA
 TATTATTACAGCTCTACATCAAGGCCAAGCGCACCCACCTTGCCACAGCCTTGGACCATCTGTAGT
 CGTCATGGGACAGTGGGAAGAACCAGGCAAGAATCAGGAGGACTTGGCCTGAGACAGGCCCCAGAGAGT
 CACACAAAGGAATCTTTATTTTACATGAAAAATAACCAATTCCAGCATTGCCGCTCACTCCCTGTG
 TGGTCAATTAATGAACCATGAAAGTCAGGATGACCTTGAGAAGGCCAAACTGCCTCCAGGATTCATT
 TTGTGAGTGACAGGAGTCCAGGAAACAAGAACCACCATTTCAAAGAGACACAGAGGAGAAATGTACC
 GAAGCTGGCACCCACCAAAGGAGAGAAAAGGGTTACGAAGAATTAGAGGGAGATGAGTCTGAGGGTG
 TACAGGGCCACCTGTTTGGTCTTCTATCTAGACAACCTCCAGCAATTATGAACAGTATGCAAGTCTTCTGG
 CCTACAATCACAGCCTAGGGCCAAGGCTCTACGTGTCAGTCATCCTAGCAGTTACCACCTTGAGCCTCTA
 CTACCTGCATCTTCTGGGGATTGAGTACCTTCTATTTCCAGTTGCTGTGCATTTACAAGCACCCCTT
 AGCCTCTCAACCAAGTGGCTACCCCTTTGGCAGCAGCGAACCTGTCCCCTGGAAAGTTCAGTGAGGCTCTA
 CGTAGAACATAGGAAGACACAACAGATGGGACCAGCCATGTCCTCTCTCAACAGCCCTGCCAATCAAG
 TGTGCTTCTGCAAGTCCAGCCCGCGCAGCCACTGAAGAGACCCCAAGGCCAGCAACAAGATTCCTCT
 CTGGCTCCTCAGCTCTTTCCCCACATACAACCTCACTGTAATACCGTAAATGAAACTCTGTTTCGGTCA
 AGCTTTCTCTTTCCATCCCCAGTCTTTGGTCTCTGAAATATCTCCCTACTATGTTGGGGTTTTCTCT
 TCATACTTTTTTTTTAAAAAAAAAAAAAAAAAAGACAACCCACCATACCACATGACTCAATAAACCAT
 ACTCTTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_011040
- 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: [BC020526](#), [AAH20526](#)

RefSeq Size: 2565 bp

RefSeq ORF: 1374 bp

Locus ID: 18510

UniProt ID: [Q00288](#)

Cytogenetics: 2 16.43 cM

Gene Summary: This gene encodes a member of a family of transcription factors that contain a characteristic N-terminal paired DNA-binding domain. The encoded protein is important for proper differentiation of the thyroid and the kidney. Alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Mar 2013]