

Product datasheet for **MC201443**

Paics (NM_025939) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Paics (NM_025939) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Paics
Synonyms:	2610511I09Rik; ADE2H1; AIRC; PAIS
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC018153 sequence for NM_025939
 GGATAATGGCGACAGCCGTAGTAGTGAACATCGGGAAGAAGCTCTACGAGGGTAAAACAAAAAGAAGTCTA
 TGAGTTGTTAGACACCCAGGCAGAGTCCCTCCTGCAGTCCAAGGACCAGATCACAGCAGGGAATGCAGCT
 CGGAAGAACCACCTGGAAGGCAAAGCCGCCATCTCCAACAAGATCACCAGCTGCATATTTTCAGTTGTTAC
 AGGAAGCTGGTATAAAAACTGCTTTCACCAAGAAATGCGGGGAGACTGCTTTTATTGCACCCAGTGTGA
 AATGATCCCCATTGAGTGGGTGTGCCGAAGAATAGCAACTGGGTCTTTCCTCAAAAGGAACCCCTGGGGTA
 CAGGAAGGGTACAAGTTTTATCCACCCAAGTGGAGATGTTCTCAAGGACGATGCCAATATGATCCAC
 AGTGGTCTGAGGAGCAACTCATTGCTGCAAAAATTCTGTTTTGCTGGCCTTGTATAGGGCAGACTGAAGT
 GGACATCATGAGTCATGCCACACAAGCTATTTTTGAAATTCTGGAGAAATCCTGGCTGCCCCAGGACTGT
 ACGCTGGTTGATATGAAGATTGAATTTGGTGTGATGTAACCACCAAGAGATTGTTCTTCTGCTGATGTCA
 TTGATAATGATTCCTGGAGACTATGGCCATCGGGAGATCGGAGCCAGCAGAAGGACAAACAGTCTTACCG
 TGATCTCAAAGAAGTAACTCCAGAAGGACTCCAGATGGTAAAGAAAAACTTTGAGTGGGTGCAGACCGA
 GTGGAGTGTCTTCAAGTCAGACAGTCAGTGCAGGGTGGTAGTGTGATGGCTCCACCTCTGACCTTG
 GTCACTGTGAGAAAATTAAGAAGGCTTGTGAAAATTTGGGATTCCATGTGAAGTAACTAGAGTAACATCTGC
 GCATAAAGGACCAGATGAGACTTTGAGGATTAAGCAGAAATATGAAGGGGATGGCATACTACTGTATTT
 GTCTCTGTGGCGGCAGAAAGCAATGGTCTAGGCCAGTGTCTGTGGCAACTGATATCCGGTTATCA
 GCTGTCCCCGATCACACCAGACTGGGGCGCTCAGGATGTGTGGTCATCTCTTCCACTGCCAGTGGTAT
 TGGCTGTTCAACTATACTTTCTCCAGAAGGATCAGCTCAGTTTGTGCTCAGATATTTGGGTTAAACAAT
 CATTTGGTGTGGGCCAAACTTCGAGCGAGCATATTAACACGTGGATATCCTTAAAGCAGGCTGATAAGA
 AGGTCCAGACAATGCAATTTGTAAGAAGCAATTAATTTTTAGGAGAAAAGTTACGTAGTCTAGTTTGG
 ATTTAAAGAAAAAGTCAAGCAAAATGATTTACATAAGAGAAAAACAATTCAGTTACTAATGAACAAATG
 TTACTCAGTGTATGAGTTGGCACATTGTCAGTGGATATTACTAATATTTCTAGCTCTACAAAGTGATA
 TGTCCCTGTAACCTTAGCACTCCAGAGGCTGAGGCAGCAGCAGGACCTCTTAAGTTCAGGGCCACCTGA
 GCTGTGATTGAGACTCAACTTGCCGTGGAGGAATCTTTCTAGCTAGTAAAATTGGCATGACACTACTA
 AATTTATTCTCACGCTCTGTATAGTCACTGTTGGGTAATATGGAAGTATGGAAGTGAACAAATGTGCT
 GCTGTCTGAACCACTATGAAGAACCAGTGTGGCTCTCTTGCAGACGACCTGAATTTGCTTCCAGCATCT
 CTGTAGACTGCTTACAATAAATACCCTTTAAATCAGGGGATCTGACCCCATGGCTTCTCATGCACCTG
 CTTTCAAATACTATTACATTCACCCACCAACACACAATTTAAAAAGTAAACATTTAAAAAGAGTAA
 TAGCATTTTTTGTGTTGTTAATCAGTAGATAATGCTTGAAGTGGTGTGATACATTGAAAATTAATAAC
 TTGTGTATAACAATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_025939

Insert Size: 1278 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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>BC018153</u> , <u>AAH18153</u>
RefSeq Size:	1990 bp
RefSeq ORF:	1278 bp
Locus ID:	67054
UniProt ID:	<u>Q9DCL9</u>
Cytogenetics:	5 C3.3