

Product datasheet for **MC219194**

Nt5c1b (NM_027588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nt5c1b (NM_027588) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nt5c1b
Synonyms:	4921514H13Rik; AIRP; CN-IB; cN1B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219194 representing NM_027588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTCAAACATCCTTGAAACACAAAAAGAAAAATGAACCTGGAATGAGGTACTCAAAGAGAGTCTAG
 ATGCAGAGAAAAGAAAGGATTCTGACAAAACCTGGAGCTCGTCTGAGCACTCAGGGATCCCAAGAATTACC
 TCTGCATAATACAGACTCCCGAGGTTACGTTGTACGAAATCAGTGGTCCCGAACATCACGGAGCCCATCT
 ACTGGAGCTCCATCAGTGGATGAGCCCAGAAGCAGGAATACTGCCATCAAGGTAGAGGCCCTAACAGCT
 CCACTACCTCTCGAATTCTCTGCCTCCCCAGTCAACACGAGACCTCACCTCCACCTCAGACATCAGA
 GAAGTCTCCATTCAACAGACCCCCAGAACAGACCTATCACCCAGCTTGAATCACAACTCCACACCT
 CCGAAACAGAGCCAACTCGAGACGAACATCGGCGAAGATGTATACGGGCAGTATCCGTGGGCGCACA
 GGGAAAACAGAGAGCCTAGAGACTTGCAGCTGAGGGACTATGCATACAGCTGTGACTCACGAGAAGGGAT
 GCCCAAGACCCGAGAGTATCCGCGCACTCCTCCTACTGAGTGGAAAGCCCTATGCCAGCGTCGCCTCCAG
 TATGGCACCTCTGTGGACATGGAACCGGAATATATACCGATGGCCCGCAGCAGAGGCAGAGGCAGCAGA
 CAGAGGAAGATGAGGTGGATGAGGCCTACTGGACATCTGTGAGCATGCTGTATGAGAAGATCCCCAGCTG
 TGCACGGCCCAGGCCGCCAAACCCAAGCATGCCATCACCAATTGCCGTCTTTCTCGGGCACTTTTCAAT
 ATGGTAGATGACAGGAAAATCTACGAAGAGGAAGGTCTGGAGAAGTACATGGAGTATCAGCTCACCAACG
 AGAACGTCATCCTGACGCCAGGGCCAGCGTTCCGGTTTGTCAAGGCACTGCAGCATGTCAACTCTAGACT
 CCGTGATCTGTATCCTGACGAACAGGACTTATTCGATATAGTACTGATGACTAATAACCATGCCCAAGTG
 GGAGTAAGGCTTATAAACAGCGTCAATCACTATGGTCTACTGATTGACCGCTTCTGTTGACGGGTGGGA
 AAAGCCCCATTGGATATTTGAAGGCATATCTTACCAACCTGTATCTTTCTGCTGATTCTGAAAAAGTACA
 AGAAGCAATAAAAAGAAGGTATTGCCTCTGCAACCATGTATGCTGGAGCCAAAGACATGGCTTATTGCGAC
 ACACAGCTACGCGTGGCCTTTGATGGGGATGCTGTCCTTCTCAGATGAATCTGAACATATTGCCAAGG
 ATCATGGGCTGGACAAATTTTTCCAACATGAAACACTATTTGAGAATAAGCCTCTTGCTCAGGGTCTCT
 TAAAAGCTTTCTGGAAGATTTAGGGAACTGCAGAAAAAATTCTATGCCAAAGACGAACGATTGCTTTGC
 CCCATCAGGACCTACCTGGTTACAGCTCGTAGTGCAGCGAGTTCAGGTGCCCGTGTGCTGAAGACCCCTC
 GCCGATGGGTCTAGAGATAGATGAAGCTTTTTCTGGCTGGAGCCCTAAAGTCCCCTTTAGTGAA
 GATTCGGCCCCACATCTTCTTCGACGACCAATGTTCCACATTGAATCAGCACAGAAATTTGGTACCATC
 ACGGCCATGTGCCTTATGGCATTGCTCAAAAACGCAAC**TAG**

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_027588

Insert Size: 1722 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: [NM_027588.3](#), [NP_081864.2](#)

RefSeq Size: 1855 bp

RefSeq ORF: 1722 bp

Locus ID: 70881

UniProt ID: [Q91YE9](#)

Cytogenetics: 12 A1.1

Gene Summary: Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).