

Product datasheet for **MC218421**

Nt5c1b (BC060976) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nt5c1b (BC060976) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nt5c1b
Synonyms:	AIRP, CN-IB
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC060976
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGTCAAACATCCTTGAACACAAAAAGAAAAATGAACCTGGAATGAGGTACTCAAAGAGAGTCTAG
 ATGCAGAGAAAAGAAAGGATTCTGACAAAACCTGGAGCTCGTCTGAGCACTCAGGGATCCCAAGAATTACC
 TCTGCATAATACAGACTCCCGAGGTTACGTTGTACGAAATCAGTGGTCCCGAACATCACGGAGCCCATCT
 ACTGGAGCTCCATCAGTGGATGAGCCCAGAAGCAGGAATACTGCCATCAAGGCCCTAACAGCTCCACTA
 CCTCTCGAACTTCTCTGCCTCCCCAGTCAACACGAGACCTCACCTCCACCTCAGACATCAGAGAAGTC
 CTCCATTCAACAGACCCCCAGAACAGACCTATCACCCAGCTTGAATCACAACTCCACACCTCCGGAA
 ACAGAGCCAACTCGAGACGAACATCGGGGAAGATGTATACGGGCAGTGATCCGTGGGCGCACAGGGAAA
 ACAGAGAGCTTAGAGACTTGCAGCTGAGGGACTATGCATACAGCTGTGACTCACGAGAAGGGATGCCAA
 GACCCGAGAGTATCCGCGCACTCCTCTACTGAGTGAAGCCCTATGCCAGCGTCGCCTCCAGTATGGC
 ACCTCTGTGGACATGGAACCGGAATATATATCCGATGGCCCGCAGCAGAGGCAGAGGCAGACAGAGG
 AAGATGAGGTGGATGAGGCCTACTGGACATCTCCCAAACCAAGCATGCCATCACCAATTGCCGTCTTTC
 TCGGGCACTTTTCAATATGGTAGATGACAGGAAAATCTACGAAGAGGAAGGTCTGGAGAAGTACATGGAG
 TATCAGCTCACCAACGAGAACGTCATCCTGACGCCAGGGCCAGCGTTCGGTTTTGTCAAGGCACTGCAGC
 ATGTCAACTCTAGACTCCGTGATCTGTATCCTGACGAACAGGACTTATTCGATATAGTACTGATGACTAA
 TAACCATGCCAAGTGGGAGTAAGGCTTATAAACAGCGTCAATCACTATGGTCTACTGATTGACCGCTTC
 TGTTTGACGGGTGGGAAAAGCCCCATTGGATATTTGAAGGCATATCTTACCAACCTGTATCTTTCTGCTG
 ATCTGAAAAAGTACAAGAAGCAATAAAAGAAGGTATTGCCTCGCAACCATGTATGCTGGAGCCAAAGA
 CATGGCTTATTGCGACACACAGCTACGCGTGGCCTTTGATGGGGATGCTGTCTCTTCTCAGATGAATCT
 GAACATATTGCCAAGGATCATGGCTGGACAAATTTTTCCAACATGAAACACTATTTGAGAATAAGCCTC
 TTGCTCAGGGTCTCTTAAAAGCTTTCTGGAAGATTTAGGGAACTGCAGAAAAAATTCTATGCCAAAGA
 CGAACGATTGCTTTGCCCATCAGGACCTACCTGGTTACAGCTCGTAGTGCAGCGAGTTCAGGTGCCCGT
 GTGCTGAAGACCCTTCGCCGATGGGGTCTAGAGATAGATGAAGCTCTTTTCTGGCTGGAGCCCCTAAAG
 GTCCCATCTTAGTGAAGATTCGGCCCCACATCTTCTCGACGACCAATGTTCCACATTGAATCAGCACA
 GAAATTTGGTACCATCACGGCCATGTGCCTTATGGCATTGCTCAAAAACGCAACTAG

AG**CGGACCG**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA**
 TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: Sgfl-RsrII

ACCN: BC060976

Insert Size: 1668 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: [BC060976](#), [AAH60976](#)

RefSeq Size: 1865 bp

RefSeq ORF: 1667 bp

Locus ID: 70881

Cytogenetics: 12 A1.1

Gene Summary: Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides. Helps to regulate adenosine levels.[UniProtKB/Swiss-Prot Function]