

Product datasheet for **SC305600**

NT5C1B (NM_033253) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NT5C1B (NM_033253) Human Untagged Clone
Tag:	Tag Free
Symbol:	NT5C1B
Synonyms:	AIRP; CN-IB; CN1B
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_033253 edited
 CAGGTAATAAATGAGTCAAACATCTCTCAAACAGAAAAAGAATGAGCCTGGAATGAGGT
 CCTCAAAGAGAGTCTAGAAGCAGAAAAAGAAAGGAATCTGACAAAACAGGAGTTGTC
 TGAGCAATCAGGGATCACAAGAATCATCACTGCGGAAGACAGACTCTCGAGGGTACCTTG
 TGCGCAGTCAATGGTCTAGAATATCCCGGAGCCCATCCACCAAGGCTCCATCCATAGATG
 AGCCTAGAAGCAGGAACACCAGTGTAGCTCCCGAGCAGCTCCACGAGCTCCCGGACTC
 CATCCACCTCCCAAGCCTGCATGACTCCTCACCGCCCGCTGTCCGGGCAGCCCTCGC
 TCCAGCCACCCGCGTCGCCCCAGCTGCCCGGTGCTGGACTCGCGGCCTCCACGCCCC
 CAGAGCCCGATCCTGGCTCCCGGCGCAGCACAAAATGCAAGAGAATCCGGAGGCCTGGG
 CCCAAGGCATCGTGCGGAAATCCGCCAGACCCGGGACTCGCAGCCGCTGGAATATTGCG
 GCACGTCCCCACCGAGTGGAAGTCTCCAGCCAGCGCAGGGGGATCTACCCCGCTCCA
 CCCAGTGGACCGCAACTCTGTCCGAGCAGCAGCAGCAGCGGGAGGACGAGGACG
 ACTACGAGGCTGCCTACTGGGCATCCATGAGGTCGTTCTACGAGAAGAACCCGAGCTGT
 CGCGCCCTGGCCGCCAAACCAAGAAGCCATCACCATTGCTCTCTCATCCTGCGCGC
 TCTTCAACATGGTGGACGCGCAGGAAAATCTACGAGCAAGAGGGTCTGAAAAGTACATGG
 AGTATCAGCTACCAATGAGAAGCTCATCTGACCCCGGCCCGCGTTCGCTTCGTC
 AGGCACTACAGTATGTCAATGCTAGACTCCGTGATCTATATCCTGATGAACAGGACTTAT
 TTGATATTGACTGATGACTAATAACCATGCCCAAGTGGGAGTGGGCTTATAAACAGCG
 TCAATCACTACGGCTTACTGATTGACCGCTTCTGTCTGACCGGGGAAAAGACCCATTG
 GCTATTGGAAGGCATATCTTACCAACTTGTATATTGCTGCAGATTCTGAAAAAGTGAAG
 AGGCAATACAAGAAGGTATTGCCTCTGCGACAATGTTTGATGGAGCCAAAGACATGGCT
 ACTGTGACACTCAGCTCCGTGTAGCCTTTGATGGGGATGCTGTCTCTTCTCTGATGAGT
 CTGAACATTTTACCAAGGAGCATGGGCTCGACAAATTCTCCAGTATGATACATTATGTG
 AAAGTAAGCCTCTTGCTCAGGGTCCCCTAAAAGGCTTTCTGGAAGATTTAGGCAGACTGC
 AAAAGAAGTTCTATGCCAAAAATGAACGTTACTTTGTCCTATCAGGACCTACCTGGTTA
 CAGCTAGGAGTGCAGCCAGTTCAGGCGCCCGTGTGCTGAAGACCCTTCGACGCTGGGGTC
 TAGAGATAGACGAAGCTCTTTCTTGCTGGAGCCCCAAAAGTCCCATCTTGGTGAAGA
 TCCGGCCCCACATCTTCTTTGATGACCACATGTTCCACATTGAAGGGGCACAGAGTTAG
 GTTCCATCGCAGCTTATGGCTTTAATAAAAAATTCAGTAGTTAG

Restriction Sites: Please inquire

ACCN: NM_033253

Insert Size: 1700 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).

OTI Annotation: It is not a variant.

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:	NM_033253.2 , NP_150278.2
RefSeq Size:	2684 bp
RefSeq ORF:	1653 bp
Locus ID:	93034
UniProt ID:	Q96P26
Cytogenetics:	2p24.2
Protein Pathways:	Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism
Gene Summary:	<p>Cytosolic 5-prime nucleotidases, such as NT5C1B, catalyze production of adenosine, which regulates diverse physiologic processes (Sala-Newby and Newby, 2001 [PubMed 11690631]). [supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the 5' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.</p>