

Product datasheet for **SC305464**

NT5C1A (NM_032526) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NT5C1A (NM_032526) Human Untagged Clone
Tag: Tag Free
Symbol: NT5C1A
Synonyms: CN-I; CN-IA; CN1; CN1A; CN1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032526 edited
 ATGGAACCTGGGCAGCCCCGGGAGCCCCAGGAGCCCCGCGAGCCCCGGGCCAGGAGCGGAG
 ACCGCTGCGGCCCGGTCTGGGAGGAAGCAAGATTTTCTACGACAACCTCGCGCCAAG
 AAGAAACCCAAATCGCCCAAGCCTCAGAATGCAGTCACCATCGCTGTGCTCCTCCGAGCC
 TTGTTTTCGCATGGACGAGGAGCAGCAGATCTACCGAGCAGGGCGTGGAGGAGTACGTG
 CGCTACCAGCTGGAACATGAGAACGAACCCTTCAGTCCCGGGCCAGCCTTCCCTTTGTG
 AAGGCTCTGGAGGCCGTGAACAGGCGGCTGCGGGAGCTGTACCCTGATAGTGAGGACGTC
 TTCGACATCGTCTCATGACTAACCAACCATGCTCAAGTGGGTGTCGCTCATCAACAGT
 ATCAACCACTATGACCTGTTTCATCGAGAGGTTCTGCATGACAGGTGGGAACAGCCCGATC
 TGCTACCTCAAGGCCTATCACACCAACCTCTACTTGTGACCCGATGCGGAAAAAGTGCGA
 GAAGCCATTGATGAGGGGATCGCAGCTGCCACCATCTTCAGCCCCAGCAGGGATGTGGTT
 GTGTCCCAGAGTCAGCTGCGCGTGGCCTTCGATGGGGACGCCGTGCTCTTCTCGGACGAG
 TCGGAGCGCATCGTCAAGGCCACGGGCTGGACCGATTCTTCGAGCATGAGAAGGCCAC
 GAGAACAACCTCTGGCTCAGGGCCCTTAAAGGGCTTTCTGGAGGCACTGGGTAGGTTG
 CAGAAGAAGTTCTACTCCAAGGCTGCGGCTGGAGTGCCCAATTCGTACCTACTTGGTG
 ACAGCACGAGTGCAGCCAGTTCGGGGCCCGGCTCTCAAGACCCTGCGCAGCTGGGGC
 CTGGAGACAGATGAAGCCTTGTCTTCTGCTGGAGCGCCCAAGGGCCCTCTCTTGAGAAG
 ATCCGCCACACATCTTCTTTGATGACCAGATGTTCCATGTGGCTGGGGCTCAGGAGATG
 GGCACTGTGGCCGCCATGTGCCTTATGGTGTGGCACAGACACCCCGCGGACTGCACCT
 GCAAAGCAGGCCCATCTGCACAGTAGA

Restriction Sites: Please inquire
ACCN: NM_032526
Insert Size: 1100 bp



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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
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_032526.1.
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_032526.1 , NP_115915.1
RefSeq Size:	1107 bp
RefSeq ORF:	1107 bp
Locus ID:	84618
UniProt ID:	Q9BXI3
Cytogenetics:	1p34.2
Protein Pathways:	Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism
Gene Summary:	Cytosolic nucleotidases, such as NT5C1A, dephosphorylate nucleoside monophosphates (Hunsucker et al., 2001 [PubMed 11133996]).[supplied by OMIM, Mar 2008]