

Product datasheet for MC217850

Nt5c3l (BC015307) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nt5c3l (BC015307) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nt5c3l
Synonyms:	2610037D24Rik; AI841843; C330027I04Rik; Nt5c3l
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC015307 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGACCCTGAGCAGATTTGCTTACAATGGACAGCGATGCCCTTCTCCACAATATTCTGGATAACAGCA
 AAATTATCAGTGAGGATTGTGCGAAAGAGCTCACCGAGCTCTTTCACCACTATTATCCCATTGAGATCGA
 CCCACACCGGACCATCAAAGAGAAGCTGCCTCACATGGTGCAGTGGTGGAGCAAAGCCCACAGTCTCCTG
 TGCCAGCAGAGGATCCAGAAAGTCCAGATCGCTCAGGTGGTGGAGAGTCCACTGCGATGCTCAGGGAGG
 GCTATAAGACGTTCTTCGACACACTCTACCAGAACACATCCCCCTTTTCATCTTCTCAGCGGGCATTGG
 TGACATCCTGGAAGAAATTATCCGACAGATGAAAGTGTTCCACCCCAACATCCACATTGTGTCCAACATC
 ATGGACTTCAGTGAGGATGGATTCTGAAAGGATTCAAGGGGCAGCTCATTACACCTACAACAAGAACAA
 GCTCCGTGTGTGAGAACTCCAGCTACTTCCAGCAACTTCAGAACAGACCAACATCATCCTGCTGGGAGA
 CTCCATCGGGGACCTCACCATGGCTGATGGGGTCCCCGGGGTGCAGAACATTCTCAAGATCGGCTTCCTG
 AATGACAAGGTGGAGGAGCGCGGGAGCGTTACATGGACTCCTACGACATTGTGTTGGAGAAGGACGAGA
 CGCTGGACGTGGTTAATGGGTTGCTGCGGCACATCCTTACCAGGGGACTGCGTGGAGCTCCAGGGCTC
 TTAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	BC015307
Insert Size:	774 bp


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC015307</u> , <u>AAH15307</u>
RefSeq Size:	1390 bp
RefSeq ORF:	773 bp
Locus ID:	68106
Cytogenetics:	11 D
Gene Summary:	Specifically hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate. The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids. Also has weak activity for CMP. UMP and purine nucleotides are poor substrates (By similarity).[UniProtKB/Swiss-Prot Function]