

Product datasheet for **MC210689**

Nt5c3b (NM_001102650) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nt5c3b (NM_001102650) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nt5c3b
Synonyms: 2610037D24Rik; AI841843; C330027I04Rik; Nt5c3l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210689 representing NM_001102650
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGAGGAGGTAAGCAGCCTGATGAAGGCCACGGTCTGATGCGGCAGCCCGGACGGGTGCAGGAAA
TTGTGGGCGCCCTTCGAGGGGCGGAGGAGACCGCCTGCAGGTGATTTCCGATTTTGACATGACCCTGAG
CAGATTTGCTTACAATGGACAGCGATGCCCTTCTCCACAATATTCTGGATAACAGCAAATTATCAGT
GAGGATTGTCGAAAGAGCTCACCGAGCTTTTACCACCTATTATCCATTGAGATCGACCCACACCGGA
CCATCAAAGAGAAGCTGCCTCACATGGTGCAGTGGTGGAGCAAAGCCACAGTCTCCTGTGCCAGCAGAG
GATCCAGAAAAGTCCAGATCGCTCAGGTGGTGGAGAGTCCACTGCGATGCTCAGGGAGGGCTATAAGACG
TTCTTCGACACTCTACCAGAACAACATCCCCCTTTTCATCTTCTCAGCGGGCATTGGTGACATCCTGG
AAGAAATTATCCGACAGATGAAAGTGTCCACCCCAACATCCACATTGTGTCCAACATACATGGACTTCAG
TGAGGATGGATTCTGAAAGGATTCAAGGGCAGCTCATTCACACCTACAACAAGAACAGTCCGTGTGT
GAGAACTCCAGCTACTTCCAGCAACTTCAGAACAAGACCAACATCATCTGCTGGGAGACTCCATCGGGG
ACCTCACCATGGCTGATGGGGTCCCCGGGTGCAGAACATTCTCAAGATCGGCTTCTGAAATGACAAGGT
GGAGGAGCGGGGAGCGTTACATGGACTCTACGACATTGTGTTGGAGAAGGACGAGACGCTGGACGTG
GTTAATGGGTTGCTGCGGCACATCCTTTACCAGGGGACTGCGTGGAGCTCCAGGGCTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001102650
Insert Size: 903 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:	<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:	<u>NM_001102650.1</u> , <u>NP_001096120.1</u>
RefSeq Size:	1416 bp
RefSeq ORF:	903 bp
Locus ID:	68106
UniProt ID:	<u>Q3UFY7</u>
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]