

Product datasheet for **MC226882**

Nt5c3 (NM_001252374) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nt5c3 (NM_001252374) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nt5c3
Synonyms: 1600024P05Rik; 2610206B05Rik; 3110004A18Rik; A1842776; cN-III; lupin; Nt5c3a; Nt5y; p36
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226882 representing NM_001252374
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTAATCAGGAGTCTGCTGTCCATTTGAAAATGATGCCAGAATTCAGAAAAGCTCAGTTCGTATCA
 AGAACCTACAAGAGTAGAAGAAATTATCTGTGGTCTCATTAAAGGAGGCGCTGCCAACTCAGATAAT
 AACAGACTTTGACATGACTCTAAGTAGGTTTTCTACAATGGGAAAAGATGCCAACGTGCATAATATC
 ATTGACAAGTGAAGCTTGTACAGATGAATGTCGAAGAAAGTTACTGCAGCTAAAGGAGCAGTATTATG
 CTATTGAAGTTGATCCTGTTCTCACCGTGGAAAGAGAAGTTCCTTACATGGTAGAGTGGTATACCAATC
 TCACGGTTTGCTTATTGAACAAGGCATACCAAAAAGCCAACTTAAAGAGATTGTGGCTGACTCTGACGTT
 ATGCTCAAGGAAGGATATGAAATTTCTTCGGTAACTTCAACAGCACGGTATCCCTGTGTTTCAATTTT
 CTGCTGGTATTGGTGATGTAAGTGAAGAAGTTATCCGGCAGGCTGGAGTTTACTCAACAGTCAAAGT
 AGTGTCAAACATCATGGATTTTGTGAAAATGGAGTGTGAAAGGATTCAAAGGAGAGTTAATCCACGTG
 TTCAACAAACACGATGGTGCCCTGAAGAATACAGACTACTTCAGCCAGCTGAAAGACAACAGCAACATCA
 TTCTGCTCGGGGACTCCAAGGAGACCTAAGAATGGCCGATGGCGTAGCCAATGTTGAACACATTCTGAA
 AATTGGTTATCTGAATGACAGAGTAGACGAGCTTTTAGAAAAATACATGGACTCTTATGATATTGTTTTA
 GTAAAAGAAGAATCATTGGAGGTTGTCAACTCAATTTTACAGAAGACATTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001252374
Insert Size: 894 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001252374.1</u> , <u>NP_001239303.1</u>
RefSeq Size:	1530 bp
RefSeq ORF:	894 bp
Locus ID:	107569
UniProt ID:	<u>Q9D020</u>
Cytogenetics:	6 B3
Gene Summary:	Nucleotidase which shows specific activity towards cytidine monophosphate (CMP) and 7-methylguanosine monophosphate (m(7)GMP). CMP seems to be the preferred substrate. [UniProtKB/Swiss-Prot Function]