

Product datasheet for MC212144

Nt5c3 (NM_026004) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nt5c3 (NM_026004) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nt5c3
Synonyms:	1600024P05Rik; 2610206B05Rik; 3110004A18Rik; AI842776; cN-III; lupin; Nt5c3a; Nt5y; p36
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212144 representing NM_026004 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCGCGCGCCGTGGCGGAGTGGGCGGGTGGCGAGCGCCAGTGTGTGCGCGGTGGTAGCAGGCG
TGGTGCTGGCCAGTACATATTCACCTTGAAGAGAAAAACGGGCCGAAGACCAAGATCATCGAAATGAT
GCCAGAATTTAGAAAAGCTCAGTTCGTATCAAGAACCCTACAAGAGTAGAAGAAATATCTGTGGTCTC
ATTAAGGAGGCGCTGCCAACTCAGATAATAACAGACTTTGACATGACTCTAAGTAGGTTTTCTCTACA
ATGGGAAAAGATGCCAACGTGCATAATATCATTGACAAGTGAAGCTTGTACAGATGAATGTGCAAG
AAAGTTACTGCAGCTAAAGGAGCAGTATTATGCTATTGAAGTTGATCCTGTTCTCACCGTGAAGAGAAG
TTCCCTTACATGGTAGAGTGGTATACCAAATCTCACGTTTTGCTTATTGAACAAGGCATACCAAAAGCCA
AACTTAAAGAGATTGTGGCTGACTCTGACGTTATGCTCAAGGAAGGATATGAGAATTTCTTCGGTAACT
TCAACAGCACGGTATCCCTGTGTTTCTGCTGGTATTGGTGTACTTGAAGAAGTTATCCGG
CAGGCTGGAGTTTACTCAACAGTCAAAGTAGTGTCAAACCTCATGGATTTTGTGAAATGGAGTGC
TGAAAGGATCAAAGGAGAGTTAATCCACGTGTCAACAAACACGATGGTGCCTGAAGAATACAGACTA
CTTCAGCCAGCTGAAAGACAACAGCAACATCATTCTGCTCGGGGACTCCCAAGGAGACCTAAGAATGGCC
GATGGCGTAGCCAATGTTGAACACATTCTGAAAATTGGTTATCTGAATGACAGAGTAGACGAGCTTTTAG
AAAAATACATGGACTCTTATGATATTGTTTTAGTAAAAGAAGAATCATTGGAGGTTGTCAACTCAATTTT
ACAGAAGACATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_026004
Insert Size:	996 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).
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_026004.3 , NP_080280.3
RefSeq Size:	1687 bp
RefSeq ORF:	996 bp
Locus ID:	107569
UniProt ID:	Q9D020
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]