

Product datasheet for MR217369

Nt5c1a (NM_001085502) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nt5c1a (NM_001085502) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nt5c1a
Synonyms:	Cn1a; Gm49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR217369 representing NM_001085502 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCCAGGGCAGCCCCGGGAGGCCCGCAACCCGGGCCAGGGCAGAGACCGCCGGTACCGCGCT
GGGAGGAAGCCAAGACTTTCTATGACAACCTCTCGTCCAAGAAGAAACCCAAATCGCCAAAGCCTCAGAA
TGCGGTACCATCGCGGTGTCTCCAGAGCCTTGTCCGAATGGATGAGGAACAGAGGATCTACACGGAG
CAGGGTGTGAGGAGTACGTGCGATACCAGCTGGAGCACGAGAATGAGCCCTTCAGCCCCGGCCCTGCCT
TCCCCTTTGTGAAGGCCCTGGAGGCTGTGAACAAGCGACTTCGGGAGTTGTACCCTGATAGCGAAGATAT
CTTTGACATTGTCTCATGACCAACAACCATGCTCAGGTGGGAGTTTCGTCTCATCAACAGTATCAACCAT
TATGACCTGTTTATTGAGCGATTCTGCATGACAGGTGGGAATAGCCCCATCTGCTACCTCAAGGCCATACC
ACACCAACCTCTACTTGTGAGCCGATGCAGACAAAGTGCAGAGAAGCCATCGATGAGGGGATTGCAGCTGC
CACCATCTTCAGCCCCAGCAGGGATGTGGTTGTGTCCCAGAGTCAGCTTCGAGTGGCCCTTCGATGGGGAC
GCAGTACTCTTCCGATGAGTCAGAGCGCATCGTCAAGGCCATGGGCTGGACAGATTCTTTGAGCATG
AGAAGGCCACGAGAACAACCTTTGGCGCAGGGCCCCCTAAAGGGCTTCCTGGAAGCACTGGGTAGACT
GCAAAAAGAAATTTACTCCAAGGGCCTGCGTCTGGAGTGGCCGATTTCGCACGATTTGGTGACCCGCGCA
AGTGCAGCCAGTTCGGAGCCCCGGGCCCTCAAGACCCTGGCAGCTGGGGCCTGGAGACCGATGAGGCCT
TATTCTAGCTGGAGCACCAAGGGTCCCCTTCTTGAGAAGATCCGTCCACACATCTTCTTTGATGACCA
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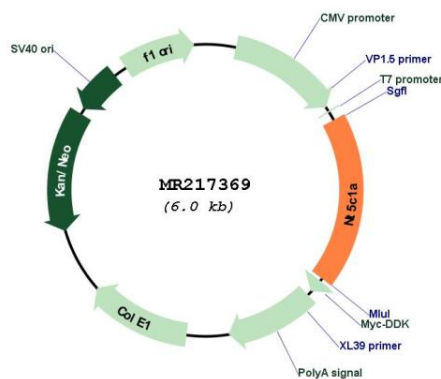
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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- OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
- 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.
- RefSeq:** [NM_001085502.2](#)
- RefSeq Size:** 1103 bp
- RefSeq ORF:** 1098 bp
- Locus ID:** 230718
- UniProt ID:** [A3KFX0](#)
- Cytogenetics:** 4 D2.2
- MW:** 41.1 kDa
- Gene Summary:** Dephosphorylates the 5' and 2'(3')-phosphates of deoxyribonucleotides and has a broad substrate specificity. Helps to regulate adenosine levels in heart during ischemia and hypoxia (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217369