

Product datasheet for **MC218422**

Naa40 (NM_027643) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naa40 (NM_027643) Mouse Untagged Clone
Tag: Tag Free
Symbol: Naa40
Synonyms: 4931433E08Rik; AU023197; Nat11; NatD
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC218422 representing NM_027643
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGAGAAAGTCGAGCAAAGCCAAAGAGAAGAAGCAGAAACGATTGGAGGAGAGAGCGGCCATGGATG
CTGTGTGTGCCAAAGTGGATGCTGCCAACAGGCTTGGAGACCCTCTGGAGGCATCCAGTCTTCAAGAA
GTATGACCGCAATGGGTTGAATGTCTCCATTGAATGTAAGCGAGTGTCTGGATTGGAGCCAGCCACTGTG
GACTGGGCCTTCGACCTGACAAAACCAATATGCAGACGATGTATGAGCAAAGTGAGTGGGGCTGGAAGG
ACCGAGAAAAACGGGAGGAAATGACCGATGACCGAGCCTGGTACCTCATTGCTTGGGAAAACAGTCCAT
CCCAGTTGCCTTTTCTCACTTCCGGTTTGATGTGGAGTGCGGGGATGAAGTCCTGTACTGTATGAAGTG
CAGCTGGAAAGCAAGGTACGGCGGAAAGGCCTAGGGAAGTTCTCATTGAGTCTGCAGCTCATGGCCA
ACAGCACACAGATGAAGAAGGTGATGTTAACTGTTTTAAACATAATCATGGCGCCTATCAGTCTTCCG
AGAGGCACTGCAGTTTGAATTGATGACTCTTACCCAGCATGTCTGGTTGCTGTGGGGAGGACTGTTCC
TATGAGATTCTGAGCCGGAGACCAAGTTCGGGGACAGTCAGCACTCCCACACAGGCGGCCACTGTGGTG
GCTGTTGCCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027643
Insert Size: 714 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:	NM_027643.1 , NP_081919.1
RefSeq Size:	3275 bp
RefSeq ORF:	714 bp
Locus ID:	70999
UniProt ID:	Q8VE10
Cytogenetics:	19 A
Gene Summary:	N-alpha-acetyltransferase that specifically mediates the acetylation of the N-terminal residues of histones H4 and H2A (By similarity). In contrast to other N-alpha-acetyltransferase, has a very specific selectivity for histones H4 and H2A N-terminus and specifically recognizes the 'Ser-Gly-Arg-Gly sequence' (By similarity). Acts as a negative regulator of apoptosis (By similarity). May play a role in hepatic lipid metabolism (PubMed:22231784).[UniProtKB/Swiss-Prot Function]