

Product datasheet for MR228300

Naa60 (NM_001290689) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naa60 (NM_001290689) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Naa60
Synonyms: 1200013P24Rik; AI315146; HAT4; Nat15; NatF
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228300 representing NM_001290689
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATAGTAGCTGAAATAAAGAATAGGACCAAAATCCATAAAGAGGATGGAGATATTCTAGCCTCCAGCT
 TCTCTGTGGATACACAAGTTGCATACATCCTCAGTCTGGGAGTGGTAAAGAGTTCAGGAAACACGGCAT
 AGGTTCCCTTTTACTAGAAAGTTAAAGGATCATATTTCAACCACCGCCAGGACCACTGCAAAGCCATC
 TACCTGCATGTTCTCACCACCAACAATACAGCAATAAACTTCTATGAAAACAGAGACTTTAGGCAGCATC
 ACTATCTGCCCTACTACTCTCCATTGAGGGGTCCTCAAAGATGGCTTCACCTATGTCCTCTACATCAA
 TGGCGGCCACCCTCCCTGGACCATTTAGACTACATCCAGCACCTGGGCTCAGCACTAGCCAACCTGAGC
 CCCTGCTCCATCCACACAGGATCTACCGCCAGGCCACAGCCTGCTCTGCAGCTTTCTGCCATGGTCCA
 GCATTTCCACCAAGGTGGCATAGAGTACAGCCGTACCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228300 representing NM_001290689
 Red=Cloning site Green=Tags(s)

MIVAEIKNRTKIHKEDGILASSFSVDITQVAYILSLGVVKEFRKHGIGSLLESKDHISTTAQDHCKAI
 YLHVLTTNNTAINFYENRDFRQHHYLPYYYSIRGLKDGFTYVL YINGGHPWTILDYIQHLGSALANLS
 PCSIPHRIYRQAHSLLCFLPWSSISTKGGIEYSRTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN: NM_001290689

ORF Size: 531 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001290689.1](#), [NP_001277618.1](#)

RefSeq Size: 2323 bp

RefSeq ORF: 534 bp

Locus ID: 74763

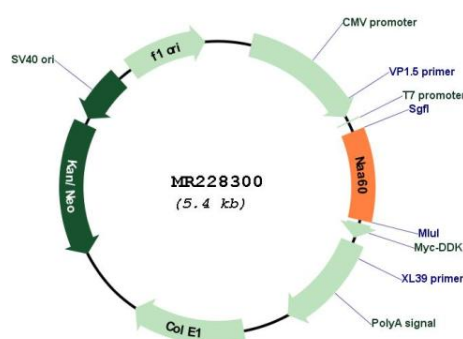
UniProt ID: [Q9DBU2](#)

Cytogenetics: 16 A1

MW: 20.6 kDa

Gene Summary: N-alpha-acetyltransferase that specifically mediates the acetylation of N-terminal residues of the transmembrane proteins, with a strong preference for N-termini facing the cytosol. Displays N-terminal acetyltransferase activity towards a range of N-terminal sequences including those starting with Met-Lys, Met-Val, Met-Ala and Met-Met. Required for normal chromosomal segregation during anaphase. May also show histone acetyltransferase activity; such results are however unclear in vivo and would require additional experimental evidences.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR228300