

Product datasheet for MC211091

Naa30 (NM_001081430) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naa30 (NM_001081430) Mouse Untagged Clone
Tag: Tag Free
Symbol: Naa30
Synonyms: 4930487N19Rik; 5730533P17Rik; AI447922; AW322455; Nat12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211091 representing NM_001081430
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGAGGTACCGCCTGGCCTAGCAGCCTCCTCCCACCACCAGCGCCTGCGGCCACAGCGCGGCGG
AGCTCCGCTGCCGTTCCCGCGGGGGCCGCGCTCGCTTCTGTCAGCGAGGACGAGGAGGACGACGAGGA
GCACGAAGGCGGCTGCGGGAGCCAGCGGGCGGGGAGGCGGCGACCTCGGCCAAGGCGGTTCTTGCCTT
CGCTGCCCGCAGCTGCCTCCGGAGCAGCAGCAGCAGCAGCTCAACGGCTTGATCGGCCAGAACTGCGAC
ACCTCCGGGCGCGGCGACCCTCAAGAGTAAGGTTCTGAGTGCAGCGGAGGCGGCCGCCCGCCGACGGGGC
CTCCAAAGTGACTGCCACAAAAGGAGCCGAGGGACACCCGGGGGAGAGACCTCCCACTCGTCCCAAC
AATGCAAGAACTGCACTCCCGGCCGGTCCAGAGGCAGCGCGGCGGGCGGGGGCGGCGAGCGACCCCG
CTGCGGCCGAAATGGACTGGTGGAGGGCACCGAGCAGCAGGAGGAGGAGATGGACGAGCAGGTGCG
GCTGCTGTCTTCGTCTCTGACCACCGGCTGCAGTTAAGGAGCTCCAGGGCAGGGAGGCCGAGCCCGGG
GAGGATCGGACGATACGATACGTCGGATGAATCTGAGCTCAAATGCCTGATATCATGAGACTGATCA
CCAAAGATCTGTCTGAACCTACTCCATTTATACGTATAGATATTTTATCCACAAGTGGCCACAGCTGTG
TTTCTTGTAAGTGATGGAATGAAAACAGGTGTGTAGGTGCCATCGTTTGCAAGTTGGATATGCACAAA
AAGATGTTCCGCAGAGGTTATATAGCCATGTTAGCCGTGGACTCCAAATACAGGAGAAATGGCATTGGTA
CTAACTTGGTAAAGAAAGCTATATAGCCATGGTTGAAGGAGACTGTGACGAGGTTGTTTTGAAAACAGA
AATTACAATAAGTCTGCTTTGAACTTTATGAAAATCTTGGTTTTGTTTCGAGATAAGAGGCTGTTGAGA
TACTATTTAAATGGAGTTGACGCACTGCGACTTAACTGTGGCTGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081430



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Insert Size:	1101 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:	<u>NM_001081430.1, NP_001074899.1</u>
RefSeq Size:	4597 bp
RefSeq ORF:	1101 bp
Locus ID:	70646
Cytogenetics:	14 C1
Gene Summary:	Catalytic subunit of the N-terminal acetyltransferase C (NatC) complex. Catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Leu-Ala and Met-Leu-Gly. Necessary for the lysosomal localization and function of ARL8B suggesting that ARL8B is a NatC substrate.[UniProtKB/Swiss-Prot Function]