

Product datasheet for **MC207644**

Naa20 (NM_001141965) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naa20 (NM_001141965) Mouse Untagged Clone
Tag: Tag Free
Symbol: Naa20
Synonyms: 1500004D14Rik; 2900026I01Rik; AU041458; D2Ert186e; Nat5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207644 representing NM_001141965
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCACGCTCCGGCCTTCACCTGCGACGACCTGTTCCGCTTCAACAACATTAACCTGGATCCACTTA
CAGAACTTATGGGATTCCTTTTACTTACAGTACCTTGGCACTGGCCAGAGTATTCATCGTCGCTGA
AGCACCTGGCGGAGAATAATGGGTTATATTATGGCAAAGCAGAAGGCTCGGTAGCTAGGAAGAATGG
CATGGACATGTCACAGCTCTCTGTGCCCCGAATTCGCGCTTGGCTTGGCTGCTAACTTATGG
AGTTACTAGAAGAAATTCAGAAAGAAAAGGTGGATTTTTTGTGATCTCTTCGTAAGAGTATCCAATCA
AGTTGCCGTCAACATGTACAAGCAGTTGGGTTACAGTGTCTACAGGACAGTCATAGAGTACTACTCAGCC
AGCAATGGGGAGCCTGATGAGGATGCCTATGATATGAGGAAAGCACTTCCAGGGACACTGAGAAGAAAT
CCATCATCCCATTACCTCATCCCGTGAGGCCTGAGGACATTGA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001141965
Insert Size: 537 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).



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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_001141965.1, NP_001135437.1</u>
RefSeq Size:	1167 bp
RefSeq ORF:	537 bp
Locus ID:	67877
UniProt ID:	<u>P61600</u>
Cytogenetics:	2 71.28 cM
Gene Summary:	<p>Catalytic subunit of the NatB complex which catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Asp, Met-Glu, Met-Asn and Met-Gln. Proteins with cell cycle functions are overrepresented in the pool of NatB substrates. Required for maintaining the structure and function of actomyosin fibers and for proper cellular migration.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the shorter isoform (1).</p>