

Product datasheet for **MC210645**

Naa20 (NM_026425) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Naa20 (NM_026425) 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: >MC210645 representing NM_026425
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCACGCTCCGGCCTTCACCTGCGACGACCTGTTCCGCTTCAACAACATTAACCTGGATCCACTTA
CAGAACTTATGGGATTCCTTTTACTTACAGTACCTTGGCAGTGGCCAGAGTATTCATCGTCGCTGA
AGCACCTGGCGGAGAATAATGGGTTATAGTAAGTACAGTACCACTAGTACTTTTTGGTTATGGGCAA
GCAGAAGGCTCGGTAGCTAGGGAAGAATGGCATGGACATGTCACAGCTCTCTGTGCCCTGAATTCC
GCCGCTTGGCTTGGCTGCTAACTTATGGAGTACTAGAAAGAAATTTAGAAAGAAAAGGTGGATTTTT
TGTTGATCTCTCGTAAGAGTATCCAATCAAGTTGCCGCAACATGTACAAGCAGTTGGGTTACAGTGTC
TACAGGACAGTCATAGAGTACTACTCAGCCAGCAATGGGGAGCCTGATGAGGATGCCTATGATATGAGGA
AAGCACTTCCAGGGACACTGAGAAGAAATCCATCATCCCATTACCTCATCCCGTGGGCTGAGGACAT
TGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026425
Insert Size: 567 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_026425.3</u> , <u>NP_080701.1</u>
RefSeq Size:	1197 bp
RefSeq ORF:	567 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 (2) uses an in-frame alternate splice site in the coding region, compared to variant 1, and encodes a longer protein (isoform 2), compared to isoform 1.</p>