

Product datasheet for **MC221112**

Naa35 (NM_030153) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naa35 (NM_030153) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Naa35
Synonyms:	A330021G12Rik; A330027C19Rik; AI158944; C030004C14Rik; Mak10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC221112 representing NM_030153
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTATGAAAGCTACTGTAGACGACGATGCTTCGGGATGGGAGCTCGGGTCCCGGAAAAAATGGAAA
 AAAGTAGCACAAAGCTGGGTGGACATAACCCAGGATTTTGAAGATGCTTGTGAGAGCTGAAGTTGGGAGA
 ACTGCTTCATGATAAGCTGTTTGGTCTTTTGAAGCCATGTCTGTATTGAAATGATGGATCCTAAGATG
 GATGCCGGTATGATCGGGAACCAAGTGAATAGAAAAGTTCTCAATTTGAACAAGCTATCAAGGATGGCA
 CCATTAATAATTAAGACCTCAGCCTGCCTGAAGTATAGGAATAATGGACACCTGTTTCTGCTGTTTGT
 CACATGGCTCGAAGGCCATTCTTGGCACAGACAGTGTTCACGTGCCTTTACATTCATAATCCCGACTTC
 ATAGAAGATCCTGCCATGAAAGCTTTTGTCTGCGAATCTTGAAGATCTGCGACATTGCACGGGAAAAAG
 TAAATAAAGCTGCTGTTTTCGAAGAGGAAGATTTCCAGTCAATGACATACGGATTTAAAAATGGCCAACAG
 TGTGACAGATCTCCGAGTTACAGGGATGCTAAAGGATGTGAAGATGATCTGCAAAGGCGAGTAAAGAGT
 ACTCGAAGTCGACAAGGAGAAGAGAGATCCAGAGGTCGAACTAGAACCACGAGTGTCTGGCAGCAT
 TCAGCAGAGTGAAGTTCACGCGAGTGTCTCAGTGTCTCATAGCCTTTACTAAGAAAGAGACCAGTGC
 GTTTCAGAGGCTCAGAACTGATGGTCCAGGCGGACACCTTCTTTCTGCCATTCACACCTCATTGCAC
 CACGGCATCCAGGCTCAGAACTGGCACTACCAAAGGAGACCATCCAATTATGATGGGTTTTGAGCCCTTG
 TTAACCAGAGATTACTTCCACCCACCTTCCCTCGCTATGCAAAAAAATTAAGAGAGAAGAAATGGTCAA
 CTATTTCTCAAGATTAATAGACAGAATAAAAGTGTCTGTGAAGTCGTGAACCTACCAAACCTTACACTGT
 ATCCTGGATTTTTCTGTGAATTTAGTGAGCAGTCACCATGTGTTCTTTCAAGATCTCTGTTACAAACCA
 CTTTCCTCGTGGATAACAAAAAGGTCTTTGGCACTCATCTCATGAAGACATGGTGAAGATGCTCTGCG
 GTCCTTCGTGAGTCTCCGGTGTCTCTCCCAAGTGTGCTATATAAATCACCAGGCTAAGGACTGT
 ATCGACTCCTTTGTTACTCACTGTGTTCCGGCGTTTTGTAGTCTTGTTCAGATCCATGGCCATAACAGGG
 CTCGGCAGAGAGACAAGCTTGGTCACATTCTTGAGGAGTTTGTACCTTGAAGATGAGGCAGAGAAGGT
 TGATGCAGCGCTTCATACTATGTTGTTGAAACAGGAGCCTCAGAGACAACATCTGGCCTGCTTAGGAACC
 TGGGTTCTTTACCATAACCTCCGATTATGATCCAGTATCTGCTCAGTGGCTTTGAGCTGGAGCTGTACA
 GCATGCATGAGTACTACTACATCTACTGGTACCTCTCCGAGTTCCTGTATGCATGGCTGATGTCAACCT
 GAGCCGCGCTGACGGCTCTCAGATGGCAGAGGAGAGGATCATGGAGAACAGCAGAAAGGCCGAGCAGC
 AAAAAACAAAGAAGAAAAAGAAAGTTCGTCCGTTGAGCCGAGAGATCACAATGAGCCAGGCTATCAGA
 ACATGTGTGCTGGGATGTTCAAGACGATGGTCGCTTTTGACATGGATGGCAAAGTGCGAAGCCCAAGTT
 TGAGCTTGACAGTGAGCAGGTCCGGTATGAGCACAGGTTTGACCGTTCAACAGTGTGATGACGCCGCCA
 CCAGTGCCTACCTGCAGTTCAAGGAAATGTCTGACCTCAATAAATACAGCCCTCCTCCTCAGTCTCCAG
 AGCTGTATGTGGCAGCTAGTAAGCACTTTCAGCAGGCAAAAAATGATCCTTGAAAAATCCCAATCCAGA
 CCGTGAGGTGAGTGAATCCTGAAGGTTGCCAAGCCCACTTTGTGGTTATGAAGCTCTTAGCAGGAGGA
 CACAAAAAGAGTCAAAGGTTCTCCCAATTCGACTTCTCTGTTACAAATATTTCTGTTGTGAAAC
 TGGTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_030153

Insert Size:

2178 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:	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:	<u>NM_030153.2</u> , <u>NP_084429.2</u>
RefSeq Size:	2646 bp
RefSeq ORF:	2178 bp
Locus ID:	78689
UniProt ID:	<u>Q6PHQ8</u>
Cytogenetics:	13 B2
Gene Summary:	Auxillary component of the N-terminal acetyltransferase C (NatC) complex which catalyzes acetylation of N-terminal methionine residues. Involved in regulation of apoptosis and proliferation of smooth muscle cells.[UniProtKB/Swiss-Prot Function]