

Product datasheet for **MC222925**

Naa25 (NM_172722) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naa25 (NM_172722) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Naa25
Synonyms:	4833422K13Rik; A630046C11; AI450868; C330023M02Rik; Mdm20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222925 representing NM_172722

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGGCGACGCGGGCCATGTGCAGGACCCTAACGACCGGCGCCTCCGGCCATTTACGATTATCTTGATA
 ATGGAATAATAAATGGCAATTCAGCAAGCTGATAAACTGTTGAAGAAACACAAAGATCTTCACTGTGC
 AAAGTTCTCAAGGCCATTGGTTTACAGAGAAGCTGGCAAGCAGGAAGAAGCTTTACCTTGGCTCAGGAG
 GTGGCTGCCCTTGAGCCACAGATGACAACTCCCTGCAGGCCCTGACGATTCTCTACCGAGAGATGCACC
 GGCCGGAGTTAGTCACAAAGCTCTATGAGGCGGCTGTGAAGAAAGTTCCCAACAGCGAGGAGTACCACTC
 TCACCTCTTCATGGCCTATGCCAGAGTGGGCGAGTACAAGAAGATGCAGCAGGCTGGCATGGCTCTGTAT
 AAGATTGTCCCCAAAACCTTACTACTTTTGGTCAGTGATGAGCTTGATCATGCAATCTATATCCGCAC
 GGGATGAGAACCTCTCCAAAACCATGTTTCTGCCCTGGCGGAGAGAATGGTAGAGAAGATGGTGAAGGA
 GGACAAGATAGAGGCTGAAGCTGAGGTTGAACCTTATTACATGATTCTGGAGCGCTTGGGAAAGTACCAG
 GAAGCCCTGGATGTCATTAGAGGAAAATTAGGAGAGAAGTTGACAAGTGAATTCAGAGTCGGGAAAACA
 AATGCATGGCCATGTACAAGAAGCTGAGCAAGTGGCCGGAGTGCAACGCCCTTTCCCGACGCCTCCTTCT
 GAAAACTCAGATGACTGGCAGTTCTATCTGACTTATTTGATTCTGTCTTTCGACTGATTGAGGAAGCC
 TGGACGCCGCTGCTGAGGGGGAACACTCCTTAGAAGGGGAAGTACACTGCTCTGCAGAAGATGCTGTGA
 AGTTTATAGAGGACAGGATAACAGAGGCATCACAAAGCTCTCGACATGTCGAGGCCACACCTAGCTAA
 GCTGGAGCTCATCAGGCGCTTGGGAGCCAAGGCTGTAATGACGAATACAAGCTGGGTGACCCTGAAGAG
 TTAATGTTCCAGTATTTCAAGAAGTTCGGGGATAAGCCATGCTGCTTACAGACCTGAAGGTGTTCTGTTG
 ACCTCTTGCCCTGCCGCCAGTGACACAACTTATTAACAGCTCCTTGGAGTTGTTCCATTGTGCGACGCC
 GACAGAGGATAAGCTTGCCCTGCCGCCGACATCCGAGGCTGCAGCAGCATCTGTGTGTTGTGCGAGCTG
 ACACGGCTCCTTGCTGTGTACACAGCATGGATAAGAGTCAGAAGCTGGATGTGGTCAAAGAAGTATGT
 TAAGGTACCAGCACGACTGGAGTTTGGGCGCTCTTGTGTTGAAGACAGAGTTGCAGTTCTCAGACTATTA
 CTGCTGCTCGTGTTTATGTGCTCATTGATGTATGGAGAGAAGCAGGTGAGGAGACTGCGGTCTGGCAG
 GCCCTGACTCTGCTGGAAGAAGGCTTAACCCACAGCCCATCCAATGCTCAGTTCAAATTGCTACTTGTTT
 GGATCTACTGCTGCTGGGTGCATTTGAACAGTGGTGGATCTCTACTCCAGTCTCGATGCTAAGCACAT
 CCAGCACGACACCATTTGGCTATCTTCTGACCCGATATGCTGCATCCCTGGGTGAGTATGCTGCTGCCTCC
 CAGTCTGTAACTTTGCACTCAGGTTTTTCCACTCCAACAGAAAGATACCTCAGAATACATTATTCAAG
 CTTACAAATATGGTGCATTTGAGAAGATCCAGAGTTTATCGCTTTTAGGAACAGGCTGAATAATTCTCT
 CCATTTTGACAAGTACGCACTGAGCGGATGCTGTTAGACCTTCTACTTGAAGCAAAACATATCAATTAGC
 TTGGCAGAAAGTATCAAATCAATGAATCTGAGGCCAGAGGAAGATGATGTTCCATGGGAAGATTTGCGAG
 ACAACAGAGACTTGGATGTTTTCTTCAAGTTGGGATCCAAAAGACAGGAATGTTTCTGAAGAGCATAAGAA
 ACTCTCCTTGAGGAAGAAACCATGTGGTTAAGAATTCGCTCCTTAACGTTGAGGCTGATCAGTGGACTT
 CCAAGTCTTACCCACCTGTGGAGCCCAAGAACTCAGAGAAGATGTCAGAGAACGGTGTGCTCCTCCCGGA
 TCGACATCCTTCGTTTGTCTCTCAACAGCTAGAGGTGGCGTGGAGACGGGAAGCGGTTTATTGAGAA
 GGAAATTCAGTACCCCTTCTTGGGCTGTTCCACAGGATGGGCAGGTTCTTCAGTTCTGGCTGCTGT
 CAGTGCCAAAGTCCAGTCTTCCATCTGGTCAGCGACATGTATGAGCTTGACACCAAGTGGCTTAGAGGGTA
 CAGTGGATATACAGGAACGAATAGAAAATAGTCTTGATCTTTACTAGAACTATTGAAAGGTGCTTTCAG
 CACATGTAAGGGGACCTCTTAGAAGTTACAGATGGCAATGTGAAGACCCAGCCTGCAGTCTAGAGAAT
 CTGGTCTTCTCGTTGAGACTATTTCTGTCATCCTTTGGGTGTCCAGTTACTGTGAAAGTGTCTTGCGAC
 CATACAAATTAATATCCAGAAAAAGAAAAAGAAAAAGAAACGAGCATCATATGCCTCCAATCTT
 CACCAGTTTCAAGACTACGTTACTGGACTTCAGACTGTAATTTCCAATGCTGTGGATCATATTAAGGA
 CTTGAAGCACATCTGATTGCACTTAGACTTGAGGAGCTCACGTTAGAGGAACTTCTATCTACGGAAG
 AAAGAAAATTTCAAAGACTGTGCAGGGGAAAGTCCAGAGCAGTTACCTGCACTCACTTCTGGAGACAGG
 GGAGCTGCTGAGAAAAAGACTTGAGACTACAAAGAACTAAAAATT**AA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_172722
Insert Size:	2919 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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_172722.3 , NP_766310.2
RefSeq Size:	3105 bp
RefSeq ORF:	2919 bp
Locus ID:	231713
UniProt ID:	Q8BWZ3
Cytogenetics:	5 F
Gene Summary:	Non-catalytic subunit of the NatB complex which catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Asp-Glu. May play a role in normal cell-cycle progression.[UniProtKB/Swiss-Prot Function]