

Product datasheet for **RN212602**

Naa25 (NM_001047900) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Naa25 (NM_001047900) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Naa25
Synonyms:	LRRGT00164; Mdm20; RGD1305685
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN212602 representing NM_001047900

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

 ATGGCGACGCGGGCCATGTGCAGGACCCTAACGACCGGCGCCTCAGGCCCATTTACGATTATCTTGATA
 ATGGAAATAATAAATGGCAATTCAGCAAGCTGACAACTGCTGAAGAAACACAGAGATCTCCACTGTGC
 GAAGGTTCTCAAGGCGATTGGTTTACAGAGAACCAGGAAGACAGGAGGAAGCCTTACCTTGCTCAGGAG
 GTGGCTGCCCTTGAGCCACAGATGACAATTCCTGCAGGCCCTGACCATCCTCTACCGAGAGATGCACC
 GGCCGGAGTTGGTCACAAAGCTATATGAGGCGGCTGTGAAGAAAGTCCCCAACAGCGAGGAGTATCACTC
 TCACCTCTTCATGGCCTATGCCAGAGTGGGCGAGTACAAGAAGATGCAGCAGGCTGGCATGGCTCTGTAT
 AAGATCGTCCCCAAAACCTTACTACTTTTGGTCCGTGATGAGCTTAATCATGCAATCTATATCCGCAC
 GAGATGAGAACCCTCGAAAACCATGTTTCTGCCCTGGCAGAGAGGATGGTAGAAAAAATGGTGAAGGA
 GGACAAGATAGAAGCTGAAGCTGAAGTTGAACCTTATTACATGATCCTGGAACGCTTGGGAAAGTACCAA
 GAAGCCCTGGATGTCATTAGAGGAAATAGGAGAAAAAGTTGACAAGTGAATTCAGAGTCGGGAAAAACA
 AATGCATGGCCATGTACAAGAACTGAGCAAGTGGCCGGAGTGCAACGCCCTTCCCGACGCCCTCTGT
 GAAAACTCAGATGACTGGCAGTTCTATCTGACTTATTTGATTCTGTCTTTCGACTGATTGAAGAAGCC
 TGGACGCCCTCTGCAGAAGGGGAGCACTCCTTAGAAGGGGAAGTACACTGCTCTGCAGAGGATGCTGTGA
 AGTTTATAGAGGACCGGATAACAGAGGCATCACAAAGCTCTCGCCATGTCGGGGGCCACACCTAGCTAA
 GCTGGAGCTCATCAGGCGCCTTCGGAGCCAAGGCTGCAACGACGAGTTCAGACTGGGTGACCCAGAAGAG
 TTAATGTTCCAGTATTTCAAGAAGTTCGGGACAAGCCATGTTGCTTACAGACCTGAAGGTGTTCTGTTG
 ACCTCTTGCTGCTGCCAGTGCACACAATTCATTAACCAGCTCCTCGGAGTTGTTCCACTGTCGACGCC
 GACAGAGGATAAGCTTGCCCTGCCGCTGACATCCGAGGCTGCAGCAGCATCTGTGTGTTGTGCAGCTG
 ACGAGGCTCCTCGGCTTGTTACCAAGCATGGATAGAACCAGAAGCTGGATGTGGTCAGAGAATTGATGT
 TACGGTACCAGCACGACTGGAGTTTGGGCGCTTGTGTTGAAGACAGAGTTGCAGTTCTCTGACTATTA
 CTGCTCCTCGTGTTACGTGCTCATTGACATATGGAGAGAAGCAGGTGAGGAGACTGCTGTGTGGCAG
 GCCCTGACTCTGTGGAAGAAGGCTTAACCCACAGCCCATCCAATGCTCAGTTCAAATTGCTGCTGTTC
 GAATCTACTGCGTGCTGGGTGCATTTGAACCCGTGGTGGATCTTACTCCAGCCTTGATGCCAAGCACAT
 CCAGCACGACACCATTTGGCTACCTTCTGACCCGATACGCTGCATCCTGGGTGAGTACGCTGCTGCCTCC
 CAGTCTGTAACTTCGCACTCAGGTTTTTCCACTCCAACCAGAAAGATACCTCAGAATACATTATTCAAG
 CTTACAAATATGGTGCATTTGAGAAGATCCAGAGTTTATCGCTTTTAGGAACAGGCTGAATAATTCTCT
 CCACTTTGCACAAGTGCGCACTGAACGGATGCTGTTAGACCTTCTACTTGAAGCAACATATCAACTAGC
 TTAGCAGAAAGCATCAAATCCATGAACCTGAGGCCAGAGGAAGATGATGTTCCATGGGAGGATTTGCGAG
 ACAACAGAGACTTGGACGTTTTCTTCACTGGGATCCAAAAGACAGGAATGTTTCTGAAGAGCATAAGAA
 GCTCTCCCTGGAGGAGGAGACCATGTGGTTAAGAATTCGCTCCTTAACATTGAGGCTGATCAGCGCCCTT
 CCAAGTCTTACCCACCCCGTGGAGCCAAGGAACCTCAGAGAAGACGTCAGAGAACGGCGTGCCTCTCGGG
 TCGACGTCCTCCGTTTGTCTCTCAACAGCTAGAAGTGGCCGTGGAGACTGGGAAGCGGTTCAATTAGAA
 GGAAATTCAGTACCCCTTCTTGGGCCGGTCCCCACCAGGATGGGCAGGTTCTTCAGTTCTGGCTGCTGT
 CAGTGCCAGGTCCACTCCTTTCATCTTGTGAGTGTGTACGAGCTCGACACCAAGTGGCTTAGAGGGTA
 CAGTGGATATACAGGAACGGATAGAAAATAGTCTTGATCTTTACTAGAACTATTGAAAGGTGCTTCAG
 CACATGTAAGGGTGACCTCTTAGAAGTTAAAGACGGCAATGTGAAGACCCAGCCTGCAGTCTAGAGAAT
 CTGGTCTTCTTTGTTGAGACTATTTCTATCGTCTTTGGGTGTCCAGCTACTGTGAGAGTGTCTTGCGAC
 CATACAAATTAATATTCAGAAAAAGAAAAAGAAAAAGAAACCAGCATCGTCATGCCTCCGATTTT
 CACCAGTTTCCAGGACTATGTTACTGGGCTTCAAAGTGAATTTCCAATGCTGTGGATCATATTAAGGA
 CTTGAAGCACATCTAATTGCACTTAACTTGAAGAGCTCACGTTAGAGGACAGCTCTATCTCCGGTGA
 ATCTGAGTAAGTGCATGTGCTGTCTGTAGGCGCCGAGACCCTGGGTCTACTGGAAGCTGGGTGCTGT
 AGAGCCAATGTGTGCTGATGTGTGTCGAGTGTGCAGAT**CGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001047900
Insert Size:	2913 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.
RefSeq:	<u>NM_001047900.1, NP_001041365.1</u>
RefSeq Size:	2913 bp
RefSeq ORF:	2913 bp
Locus ID:	360811
UniProt ID:	<u>Q6QI44</u>
Cytogenetics:	12q16
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]