

Product datasheet for **RN205351**

Noa1 (NM_001006959) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Noa1 (NM_001006959) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Noa1
Synonyms:	RGD1359460
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205351 representing NM_001006959
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCTGCCCGCGCCTGGGTTGTAGGCTGCTGTGCGGGCTCCTACGGGGCCCCGCACCAGCCGCTGCGT
 GCCGTGGCCAGCACGGTGGCTCCTGGAGGGGAAGTGTGAGGCCACCATCTGCCAGCGTGGATCATCCCT
 GGGCCGCGGAGCTCCCCCTAGTTCACGCGCAGCAGGACTGTGAAGAAGGAACCGACACGAGGAACGC
 TTTCTGTTCCCGGAGTACGTCCCGGAGCGGACCCCTGAGGAACAGCTGCGGGAATTGCGGGAGCTGCGGG
 AGTTGCAGCAGCTGCAGCAGGAGAAAGAACGACAGAGTTGCAGCGGGGAGGAGCGGCTTCAGCAGAA
 ACTGCGGGCAGGCCTCCGGGCTCTGCCGGTCCCGGAGCTTCAGACGCATCGGTGCCGCCACGGGCATC
 TACTGCTCGGGTGCAGGACCGAGCTCCACTGCCAGCATCCTGGCTGCCCGGCTACTTGCCGGGCGAGA
 AGTTCCGCGATGCTGCCAGGCGGAAGGTGGCCTGGCGCGGACCGTGTGCCAACGCTGCTGGCTACTGGT
 GCACCACCGCGTCCCTGCCCTGCAGGTGAGCCGCGATCAGTACCTGGAGCTTGTGAGCACCGCGCTG
 CAGAGACCGGGGCCGCTCTGGTGCTTTATATGGTGGATCTGCTTGACCTGCCGAGCGCTCTGCTGCCCC
 ACTTGCCCAAGCTGGTGGGCCCCAAGCAGCTCTTCGTGCTGGGGAATAAAGTGGACCTGTGCCCCAGGA
 TGCGCCCGGCTACTTACAGCGGCTGCGGAAGCGGCTGTGGAACGACTGTATCCGCGCCGGGCTCGTGGTG
 GCCCTGGTCAATCGAGGACACAGTACCCTACTGGAAATGAGCCACTGGACGAGATAAAGAATCAGAATC
 CGTCGTCCAGGTCCCGCACGGTGGTCAAAGACGTGCGGCTGATTAGCGCCAAGACGGGCTATGGAGTTGA
 AGAACTGATCTCTGCTCTTCAGCGTTCTGGCGCTACCGCGCGATGTCTACCTGGTGGGCACCAAGAAC
 GCTGGCAAGTCCACTCTCTTTAACACACTCCTGGAGTCTGATTACTGCACCGCCAAGGGCTCCGAAGCCA
 TCGACAGAGCCACCATCTCCCCCTGGCCAGGTACCACATTAAACCTCCTGAAGTTTCTATTGCAACCC
 GACTCCTTACAGAATGTTCAAAAGACAAAAAGGCTTCAAGAGGATGCGAGCAAACTGAAGAAGATCTT
 AGTGAGCAAGAACAAGTCAGCTCAATCAGCTGAAAAAGCACGGCTACATAGTAGGAAGAGTCGGAAGAA
 CATTCTTGCACTCCAGACAGCAGAAGGAAGAGTTCCCTTTGAGTTTGATGCTGACTCGCTGGCCTTTGA
 CATGGGAATGAACCGTTGTGTCTGTGCGCAAAAGCACCAACAAACAGAACTGACCCAGAAGACGTG
 AAAGACGCCCCTGGTTTTATGACACCCCTGGGATCACAAAGAAAAGTGCATTCTAAATCTTCTAACAG
 AAAAAGAAATCGATATTGTTTTGCCGACACATTCTATTATCCCGAGAACCTTTGCTCAAGCCCGGAAT
 GGTTCATTTTTGGTGGTATAGCCGAGTAGATTCTACAGGGAAATCAATCAGCCTGGTTTACAGTT
 GTGGCTTCAACTTCTTCCGTTCAATTTCTTCTTGGACAAGGCAGATGCTCTATATGAGAAACATG
 CAGGTACGGAGTTACTGTGGTGGGTTGCAG**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001006959

Insert Size: 1785 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: NM_001006959.1, NP_001006960.1

RefSeq Size: 2257 bp

RefSeq ORF: 1785 bp

Locus ID: 289562

Cytogenetics: 14p11