

Product datasheet for RN207184

Nth1 (NM_001105728) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nth1 (NM_001105728) Rat Untagged Clone
Tag: Tag Free
Symbol: Nth1
Synonyms: Nth1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207184 representing NM_001105728
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAC**T**CGGGG**T**TGCGGATAGTGACTCGCAGTCGGAGCCGCGGACTAGGATCGCGTCGGAAGGGTGTA
 GGGAGGAGCTCGCCCCGCGAGAGACTGCTGCAGAAGGAAGAAAAAGCCACAAGCCTGTGAGACGTCCACG
 GAAGAAACAGAAAGTACATGTGGCCTATGAGGTTGCTAACGGTGAGGAAGGTGAAGATGTGAACCCCTC
 AAAGTGCCAGTTTGGGAGCCCCAAAAGTGGCAGCAGCAACTGGCCAACATCCGAATCATGAGAAGCAAGA
 AGGACGCACCTGTGGACCAGCTGGGCGCTGAGCAGTGCTATGATATCACTGCCCCCCAAAGGTGAGGAG
 GTACCAGGTA**CT**CTTGT**CG**GTATGCTGTCCAGCCAGACCAAGACCAGGTTACAGCGGGTGCCATGCAG
 CGGCTACGGGCCCGGGGCTT**G**ACTGTGGAAAGTATCCTGCAGACCGATGATGACTTGCTGGGCAGACTCA
 TCTACCCCGTGGGCTTCTGGAGGAGCAAGGTA**AA**ATTCATCAAGCAGACGACTGCCATCCTGCAGCAGCG
 CTATGAAGGGGACATCCCTGCTTCTGTGGCAGAGCTGGTAGCCTTGCCAGGTGTTGGGCCAAGATGGCA
 CACTTGGCTATGGCTGTGGCCTGGGGACCGTATCAGGCATAGCAGTGGACACACATGTGCACAGAATAG
 CCAACAGACTGAAGTGGACCAAGAAGATGACCAAGTCCCAGAGGAGACACGTAGGAACCTGGAAGAGTG
 GCTACCCAGGGTCTATGGAGTGAGATCAATGGACTACTGGTGGGCTTCGGCCAACAGATTTGCCTTCT
 GTCCATCCACGATGCCAGGCCTGCCTCAACAAGGCCCTGTGCTCTGCTGCCAGGGTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105728
Insert Size: 903 bp



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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:	<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_001105728.1, NP_001099198.1</u>
RefSeq Size:	1084 bp
RefSeq ORF:	903 bp
Locus ID:	29541
Cytogenetics:	10q12