

Product datasheet for **SC120233**

NARG1 (NAA15) (NM_057175) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NARG1 (NAA15) (NM_057175) Human Untagged Clone
Tag:	Tag Free
Symbol:	NARG1
Synonyms:	Ga19; MRD50; NARG1; NAT1P; NATH; TBDN; TBDN100
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene ORF sequence for NM_057175 edited
ATGCCGGCCGTGAGCCTCCCGCCCAAGGAGAATGCGCTCTTCAAGCGGATCTTGAGGTGT
TATGAACATAAACAGTATAGAAATGGATTGAAATCTGTAAACAAATACTTTCTAATCCC
AAATTTGCAGAGCATGGAGAAACCTTGGCTATGAAAGGATTAACATTGAACTGTTTGGGG
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TTAGAAGATTATGAAATGGCAGCAAAGATTTTAGAAGAATTTAGGAAAACACAACAGACA
TCCCTGACAAGGTGGATTATGAATATAGTGAAGTACTCTTATATCAGAATCAAGTTCTT
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GAAGATGCTGCAGATGTTTATAGAGGATTGCAAGAGAGAAATCCTGAAAAGTGGGCTAT
TACAAAGGCTTGAAAAAGCACTCAAGCCAGCTAATATGTTAGAACGGCTAAAAATTTAT
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GCACAACATTATGACAAAATTGGTCAGCCATCTATTGCTTTGGAGTACATAAATACTGCT
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GCTGAAATTTATAGAGCAAATTGTCATAAGCTTTTCCCTTATGCTTTGGCTTTTCATGCT
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GAACTGGCCAATGAAATTTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_057175 unedited
TATTTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGCGGCGGCAGCGTT
AATGAGAAGGAAAAAGAAACGAGGAAAAAGAGGTGTCCGGTAGGGCAACGCGGCGACA
CCCCAGGCCTGGTGGTGGCGCGGATCGAGATATTCAAAGCTGAAGCAGCTACGGAACGG
CAGCGGCGGCGGTGCGACAACTGACTGACCGAGCCGGTGGTGGCGGGAGCAGCGGGAG
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TCTTGAGGTGTTATGAACATAAACAGTATAGAAATGGATTGAAATCTGTAAACAAATAC
TTTCTAATCCCAATTTGCAGAGCATGGAGAAACCTTGGCTATGAAAGGATTAACATTGA
ACTGTTTGGGAAAAAGGAAGCTTATGAATTGGTTCGTAGAGGTTTGAGAAATGACT
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ATGAAGCCATTAAGTGTTACAGAAATGCACTAAATGGGATAAAGACAATCTTCAAATCT
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NGTATCAGTTACTTCAGCTTCGACCTGCGCAGAGAGCATCATGGATTGGTTATGCTATTG
CTTACCATTATTAGAAGATTATGAAATGGCAGCAAAGATTTTGAAGAATTTAGGAAAA
CACCACAGACATCCCCTTGACAGGTGGATTATGAATATAGTGAAGTACTCTTATATCAGA
ATCAAGTNCCTTCGGGAAAGCAGTCTCTATGAGAAGCTTTGAACATCCTGTACCTATGA
AAGCAGATTTGTGATAAACTGCTGTAGAAGAAACCAAGGGGACTTNCCTGTGCACTATGTC
GTTGGAAGAGCTGC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_057175 unedited
AACCTTAAAGAAANAAGANAACACTNACTCTTTCCTNATGTTAATACAGGTCCAGNAGA
CCCTTTCTCTCAAAGGGTTGGTAACACCAGTTCTTAGCAATAAACATAAGGCAGTTGTT
TAGATTACAACATCACTCCATTTTTTCCACTTGTTTTCTAACCTGTTTTTCCCCCACA
GTATCATTGAAATTAATAGGATGAATGAGGCAATATGAGACGATCCAGTTGATACTAC
TCAGAGCAAGATAGTACAGTACAGTGTTCAGGGGTGATGTCTGGACATAAAATGAACCC
AGTCAAGTCTCTGACACCAATGTATCCACTATCAAGTAAACCTGAAAGAAAAATAAAG
ATTTATTCAATAGTTCAGTAAATTTGGGTTGGAATACAATACACATTAGGAATTTAGCT
CCTCAGGGTGGCATCTGCATCTTAAGAGTCTGAGTACTTATGAATATTCATTCTAAGA
CAATCTACATCATTGACATTGTCAAGACAAATAAATGAATTTTCAATATACAGT
AGAGTTTAAACAAAATTCACACATACACCCCTATTATATGGCTGGTACCTTCTCCAAC
ACCTCATTACTGGCAGAGGTAGGACTAGTGTCTTCCCAACAATCAGAACTTCAGCTGC
CACTCATAGGAGCTGAAAAAAGTTTTCTTTTGCCTCTGTTAAGATTTTCTGTA
GACAGGGCCAGCTAATAAAACATAACANAGCCCTGCAGTTTGGTTGTACCTTCTCTTC
ACATCACTACTAACTGGTAGACTGATACTGCGAACGCAGGTCCTGTATCACGAAACGCC
GACTGTATCCCAGTGTCAATCCTAAACGGCCTTCGGCAAATCCCTTCAAGCTCCTTTC
TTAACTACTGTCCCAACAGGCTCACTTCTTATCCCTGTTTTCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_057175

Insert Size:

5120 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_057175.3, NP_476516.1</u>
RefSeq Size:	5554 bp
RefSeq ORF:	2601 bp
Locus ID:	80155
UniProt ID:	<u>Q9BXJ9</u>
Cytogenetics:	4q31.1
Domains:	TPR
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	N-alpha-acetylation is among the most common post-translational protein modifications in eukaryotic cells. This process involves the transfer of an acetyl group from acetyl-coenzyme A to the alpha-amino group on a nascent polypeptide and is essential for normal cell function. This gene encodes the auxillary subunit of the N-terminal acetyltransferase A (NatA) complex. [provided by RefSeq, Jan 2017]