

## Product datasheet for RC215699

### NARG1L (NAA16) (NM\_018527) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NARG1L (NAA16) (NM_018527) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NARG1L
Synonyms:	NARG1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC215699 representing NM_018527 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGAACGTGCTGCTGCCGCCAAGGAGAGCAACCTCTCAAACGCATCTTCAAATGTTATGAACAGA  
AGCAGTACAAAAATGGCCTCAAGTTTTGCAAGATGATTCTGTGCAACCCAAAATTTGCTGAACATGGAGA  
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AAAGACTTCGTAATGATGTCAAGAGTCATGTCTGTTGGCATGTATATGGACTCTTGACGCTTCTGATA  
AAAAATATGATGAAGCTATAAAATGTTACCGAAATGCCCTCAAATTAGATAAAGATAACCTGCAAATTTT  
GAGGGATCTCTCACTGTTGCAGATCCAAATGAGAGACCTTGAAGTTACCGAGAGACAAGATACCGCTT  
CTTCAGTTGCGCCCCACACAGCGTGCCTCCTGGATTGGATATGCTATTGCATACCATTTGCTGAAAGATT  
ATGATATGGCCCTAAAATGTTGGAAGAATTTAGACAACTCAGCAAGTTCCTCCAAACAAAATAGATTA  
TGAATATAGTGAATTGATATTATACCAGAATCAAGTGTGAGAGAGGCAGATCTGTTGCAGGAATCTTTG  
GAACATATAGAAATGTATGAGAAACAAATATGTGATAAACTTTTGGTGGAAAGAAATTAAGGGGAAATAC  
TGTTGAAATTGGGAAGATTAAGAAGCCAGTGAAGTGTCAAAAATTTGATTGATCGAAATGCAGAAAA  
TTGGTGTATTATGAAGGCTTGGAAAAAGCTCTACAAATAGCACTTTAGAAGAGAGGCTTCAAATTTAT  
GAAGAAATTAGTAAGCAGCACCCAAAGCAATTACACCCAGAAGATTACCTTTGACTCTTGTCCCAGGTT  
TCTATAATCCAGGAACCTGTTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC215699 representing NM\_018527  
Red=Cloning site Green=Tags(s)

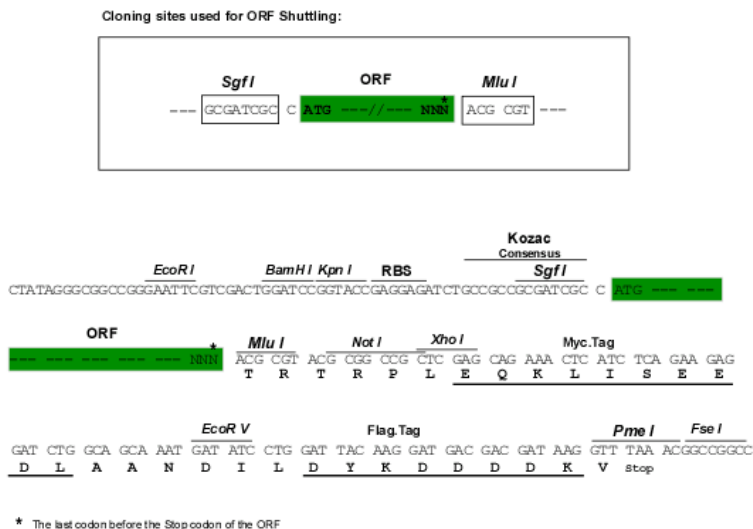
MPNVLLPPKESNLFKRILKCYEQKQYKNGLFCKMILSNPKFAEHGETLAMKGLTLNCLGKKEEAYEFVR  
 KGLRNDVKSHVCWHVYGLLQRSDDKYYDEAIKCYRNALKLDKDNLQILRDLSSLQIQMRDLEGYRETRYQL  
 LQLRPTQRASWIGYAIAYHLLKDYDMALKLLEEFRTQQVPPNKIDYEYSELILYQNQVMREADLLQESL  
 EHIEMYEKQICDKLLVEEIKGEILLKLGRLKEASEVFNKIDRNAENWCYYEGLEKALQISTLEERLQIY  
 EEISKQHPKAITPRRLPLTLVPGFYNPGTCY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8051\\_b06.zip](https://cdn.origene.com/chromatograms/mk8051_b06.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_018527

**ORF Size:** 933 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_018527.4](#)

**RefSeq Size:** 1692 bp

**RefSeq ORF:** 936 bp

**Locus ID:** 79612

**UniProt ID:** [Q6N069](#)

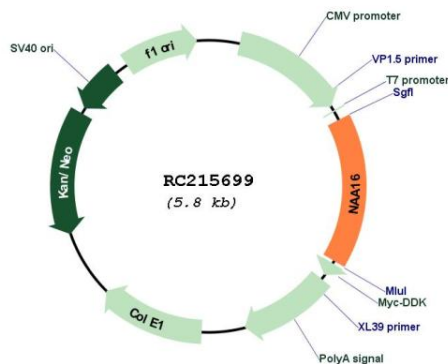
**Cytogenetics:** 13q14.11

**Protein Families:** Druggable Genome, Transcription Factors

**MW:** 36.7 kDa

**Gene Summary:** Auxillary subunit of the N-terminal acetyltransferase A (NatA) complex which displays alpha (N-terminal) acetyltransferase activity.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC215699