

Product datasheet for **RG214224**

NARG1L (NAA16) (NM_024561) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | NARG1L (NAA16) (NM_024561) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | NARG1L |
| Synonyms: | NARG1L |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>RG214224 representing NM_024561
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGAACGTGCTGCTGCCGCCAAGGAGAGCAACCTCTCAAACGCATCTTGAATGTTATGAACAGA
 AGCAGTACAAAAATGGCCTCAAGTTTTGCAAGATGATTCTGTCGAACCCAAAATTTGCTGAACATGGAGA
 GACTTTGGCTATGAAAGGATTAACACTGAACTGTTTAGGAAAAAAGAAGAGCTTATGAGTTTGTTCGT
 AAAGGACTTCGTAATGATGTCAAGAGTCATGTCTGTTGGCATGTATATGGACTCTGCAGCGTTCTGATA
 AAAAATATGATGAAGCTATAAAATGTTACCGAAATGCCCTCAAATTAGATAAAGATAACCTGCAAATTTT
 GAGGGATCTCTCACTGTTGCAGATCCAAATGAGAGACCTTGAAGGTTACCGAGAGACAAGATACCAGCTT
 CTTCACTGCGCCCCACACAGCGTGCCTCCTGGATTGGATATGCTATTGCATACCATTTGCTGAAAGATT
 ATGATATGGCCCTAAAACGTGTTGAAGAATTTAGACAAACTCAGCAAGTTCCTCCAAACAAAATAGATTA
 TGAATATAGTGAATTGATATTATACCAGAATCAAGTGATGAGAGAGGCAGATCTGTTGCAGGAATCTTTG
 GAACATATAGAAATGTATGAGAAACAAATATGTGATAAACTTTTGGTGGAAAGAAATTAAGGGGAAATAC
 TGGTGAATTTGGGAAGATTAAGAAGCCAGTGAAGTGTCAAAAACCTGATTGATCGAAATGCAGAAAA
 TTGGTGTATTATGAAGCTTGGAAAAAGCTCTACAAATTAGCACTTTAGAAAGAGAGGCTTCAAATTTAT
 GAAGAAATTAGTAAGCAGCACCCCAAAGCAATTACCCAGAAGATTACCTTTGACTCTTGTCCCAGGTG
 AAAGATTTAGAGAATAATGGATAAGTTCCTGAGGGTTAACTTCAGTAAAGGCTGCCACCTTGTTTAC
 TACTTTGAAATCTTTATTTACAATACAGAAAAGGTTTCTATAATCCAGGAACCTGTTACTAATTATGAA
 GCCTCTCTTAAAACGTGTGACTTTTTAGCCCATATGAGAATGGGAGAAAGGAACCCCGACAACACTAC
 TCTGGTTCACTATTTCTGGCACAGCACTTTGATAAACTTGGACAGTATTCTTTGGCTTTGGATTATAT
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 ATAGGTAATCTCAAGAAGCTGCAAAAGTGGATGGATGAAGCACAGTCTTTGGACACAGCTGATAGATTCA
 TCAATTCAAAATGTGCAAAATACATGCTTCGAGCAAAATATGATAAAAAGAAGCAGAGGAAATGTGCTCCA
 GTTCACAAGGGAAGGAACATCTGCCATGGAAAATCTAAATGAAATGCAGTGTATGTGGTTTCAGACAGAA
 TGCATTTCACTTATCAGCGTCTGGGAGATACGGGGATGCCTTGAAAAAATGTCATGAAGTAGAAAGGC
 ATTTTTTTGAGATAACTGATGACCAATTCGACTCCATACATACTGCATGAGAAAGATGACCCTTCGTGC
 CTATGTTGACCTTTTGGATTAGAAGATATACTCAGAAGACATGCCTTTTATTTCAAGGCTGCTAGATCA
 GCGATTGAAATATACTTGAATTTGATGATAATCCCTTAACCAATGAAAGCAAACAAGAAATAAAT
 CAGAAAACCTGTGAGCCAAAGAATTGAAGAAAATGCTTAGCAAGCAGAGAAGAGCTCAGAAAAAGGCTAA
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 AGCATTGAAATATATTTTAGAAAAGGAAAGTTTCTGTTAATGCTGCAGTCTGTCAAACGAGCTTTTGCC
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 ATCTTCCAGACATTGTGAGCAAAGTCTATCTCAAGAAATGCAGAAAATATTTGTCAAAAAGGATTTGGA
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 ATGATTTTTCTGGACAAGTCAAGCAGGAGAAAGCAATTGCTATAGCCACTAGACTAGATGAAACTATAA
 AAGATAAAGATGTAAAGACATTAATAAAGGTTTCTGAAGCACTGCTTGTGGCAGCTTTGGAACTGTAG
 TTCCCAATATGAAGAATATAGGATGGCCTGTCATAACCTGCTTCTTTTACATCTGCCTTCTGCCTGCT
 GTGAATGAAGTCGACAATCCTAATGTGGCACTGAACCATACAGCTAATTATGATGTCTTGGCAAATGAAA
 TT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG214224 representing NM_024561
 Red=Cloning site Green=Tags(s)

MPNVLLPPKESNLFKRILKCYEQKQYKNGLKFCMKILSNPKFAEHGETLAMKGLTLNCLGKKEEAYEFVR
 KGLRNDVKSHVCWHVYGLLQRSDDKYYDEAIKCYRNALKLDKDNLQILRDLSSLQIQMRDLEGYRETRYQL
 LQLRPTQRASWIGYAIAYHLLKDYDMALKLLEEFRTQVPPNKIDYEYSELILYQNQVMREADLLQESL
 EHIEMYEKQICDKLLVEEIKGEILLKLGRLKEASEVFNLIIDRNAENWCYEGLEKALQISTLEERLQIY
 EEISKQHPKAITPRRLPLTLVPGERFRELMDKFLRVNFSKGCPLFTTLKSLYYNTEKVSIIQELVTNVE
 ASLKTCDFSPYENGEKEPPTLLWVQYFLAQHFQDKLGGQYSLALDYINAAIASTPTLIELFYMKAKIYKH
 IGNLKEAAKWMDEAQSLEDTADRFINSKCAKYMMLRANMIKEAEEMCSKFTREGTSAMENLNEMQCMWFQTE
 CISAYQRLGRYGDALKKCHEVERHFFEITDDQDFHTYCMRKMTLRAYVDLLRLEDILRRHAFYFKAARS
 AIEIYLKLYDNPLTNEKQQEINSENLKAKELKMLSKQRRQAKKALEEERKHAERERQKNQKKRDE
 EEEEEASGLKEELIPEKLERVENPLEEAVKFLIPLKNLVADNIDTHLLAFEIYFRKGFLLMLQSVKRAFA
 INSNPWLHECLIRFSKSVSNHNLDPDIVSKVLSQEMQKIFVKKDLESFNEDFLKRNATSLQHLLSGAKM
 MYFLDKSRQEKAIATRLDETIDKDKVTLIKVSEALLDGSFGNCSSQYEEYRMACHNLLPFTSAFLPA
 VNEVDNPNVALNHTANYDVLANEI

TRTRPLE - GFP Tag - V

Restriction Sites:

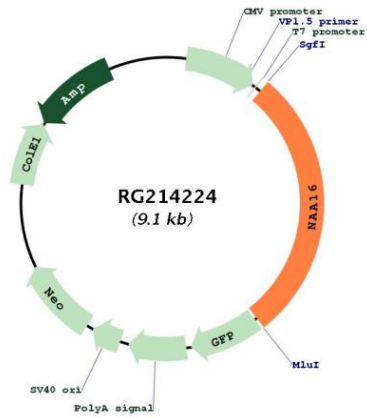
Sgfl-MluI

Cloning Scheme:



| | |
|-------------------------------|---|
| ACCN: | NM_024561 |
| ORF Size: | 2592 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: | <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: | NM_024561.5 |
| RefSeq Size: | 4266 bp |
| RefSeq ORF: | 2595 bp |
| Locus ID: | 79612 |
| UniProt ID: | Q6N069 |
| Cytogenetics: | 13q14.11 |
| Protein Families: | Druggable Genome, Transcription Factors |
| 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 RG214224