

Product datasheet for **RG225703**

NARG1L (NAA16) (NM_001110798) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NARG1L (NAA16) (NM_001110798) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NAA16
Synonyms:	NARG1L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225703 representing NM_001110798 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGAACGTGCTGCTGCCGCCAAGGAGAGCAACCTCTCAAACGCATCTTGAATGTTATGAACAGA
AGCAGTACAAAAATGGCCTCAAGTTTTGCAAGATGATTCTGTGCAACCCAAAATTTGCTGAACATGGAGA
GACTTTGGCTATGAAAGGATTAACACTGAAGTGTAGGAAAAAAGAAGAAGCTTATGAGTTTGTTCGT
AAAGGACTTCGTAATGATGTCAAGAGTCATGTCTGTTGGCATGTATATGGACTCTTGACGCTTCTGATA
AAAAATATGATGAAGCTATAAAATGTTACCGAAATGCCCTCAAATTAGATAAAGATAACCTGCAAATTTT
GAGGGATCTCTCACTGTTGCAGATCCAAATGAGAGACCTTGAAGGTTACCGAGAGACAAGATACCGACTT
CTTCAGTTGCGCCCCACACAGCGTGCCTCCTGGATTGGATATGCTATTGCATACCATTTGCTGAAAGATT
ATGATATGGCCCTAAAACCTGTTGGAAGAATTTAGACAACTCAGCAAGTTCCTCCAAACAAAATAGATTA
TGAATATAGTGAATTGATATTATACCAGAAATCAAGTGTGAGAGAGGCAGATCTGTTGCAGGAATCTTTG
GAACATATAGAAATGTATGAGAAACAAATATGTGATAAACTTTTGGTGGAAAGAAATTAAGGGGAAATAC
TGTTGAAATTGGGAAGATTAAGAAGCCAGTGAAGTGTCAAAAACCTGATTGATCGAAATGCAGAAAA
TTGGTGTATTATGAAGGCTTGGAAAAAGCTCTACAAATAGCACTTTAGAAGAGAGGCTTCAAATTTAT
GAAGAAATAGTAAGCAGCACCCCAAGCAATTACACCCAGAAGATTACCTTTGACTCTTGTCCCAGGTG
AAAGATTTAGAGAACTAATGGATAAGTTCTGAGGGTTAACTTCAGTAAAGGCTGCCACCTTGTTTAC
TACTTTGAAATCTTTATATTACAATACAGAAAAGGTTTCTATAATCCAGGAACTTGTACTAATTATGAA
GCCTCTCTTAAAACGTGTGACTTTTTTAGCCCATATGAGAATGGGGAGAAGGAACCCCGACAACACTAC
TCTGGGTTCAAGTATTTCTGGCACAGCACTTTGATAAACTTGGACAGTATTCTTTGGCTTTGGATTATAT
TAATGCTGCAATTGCTAGTACTCCAACCTAATAGAATTATTCTATATGAAAGCAAAAATTTACAAGGTA
AAATCTGAATCCTGTTTTTTGAGTAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG225703 representing NM_001110798
 Red=Cloning site Green=Tags(s)

MPNVLLPPKESNLFKRILKCYEQKQYKNGLKFCKMILSNPKFAEHGETLAMKGLTLNCLGKKEEAYEFVR
 KGLRNDVKSHVCWHVYGLLQRSDDKYDEAIKCYRNALKLDKDNLQILRDLSELLQIMRDLEGYRETRYQL
 LQLRPTQRASWIGYAIAYHLLKDYDMALKLLEEFRTQVPPNKIDYEYSELILYQNQVMREADLLQESL
 EHIEMYEKQICDKLLVEEIKGEILLKLGRLKEASEVFNKIDRNAENWCYEGLEKALQISTLEERLQIY
 EEISKQHPKAITPRRLPLTLVPGERFRELMDKFLRVNFSKGCPLFTTLKSLYNTKVSIIQELVTNVE
 ASLKTCDFSPYENGEKEPPTLLWVQYFLAQHFDKLGGQYSLALDYINAAIASTPTLIELFYMKAKIYKV
 KSESCFLSS

TRTRPLE - GFP Tag - V

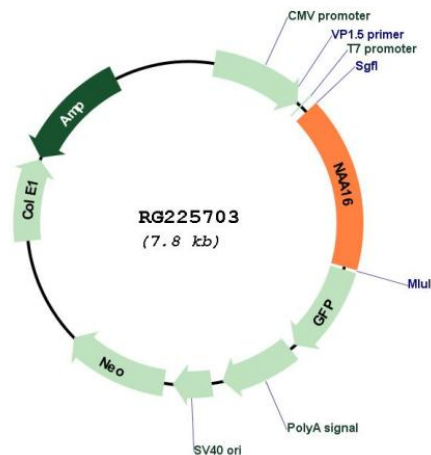
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001110798

ORF Size:	1287 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_001110798.2
RefSeq Size:	1833 bp
RefSeq ORF:	1290 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]