

Product datasheet for **SC105967**

NARG2 (ICE2) (BC020918) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NARG2 (ICE2) (BC020918) Human Untagged Clone
Tag:	Tag Free
Symbol:	NARG2
Synonyms:	BRCC1; NARG2
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC020918, the custom clone sequence may differ by one or more nucleotides

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AGGGGCGGGAGGAGGGAACATGGCGGCCGGCCAGGACCCTTTGCTCCTGGCTCTGCGGGCTCCTACCC
CTGCTTTGCTTGCCTTTTACCTGCTTTTCTGGAACCTTGTTCCCTCTCTTTGCGTCCCTTTCCCTC
AGCCGTTTCTTTTGCCTTCTCGACTATCCCCCCAGCTCCACTGGGTCGAAGTGTGAGGGGTAGAT
TAAGTGGGAGCCGGTCGGGCCGTTTCGGTGCCGAGAGACCAGCTCCTAAATTTGATTAGGTTCTCGCATG
TCACTTTATCAGTCTGCCTGGGGTACAGGAGAAGTACTGAACATGAGAGATCAAGCCTGATTTGTAGTC
CTGATGATGTCTCTGAGTAAGTTCTGGAGGGATCCTGCCTCTTGGAGCCTTCGCAGCCAGGCAGCTGTGA
ACTGTGAGCTAGAGTGAAGCAGAAATCTAGGAAGATGAGCTCCAAGATGGTCATAAGTGAACCAGGACTG
AATTGGGATATTTCCCCAAAAATGGCCTTAAGACATTTTTCTCTCGAGAAAATTATAAAGATCATTCCA
TGGCTCCAAGTTAAAAGAACTACGTGTTTTATCCAACAGACGTATAGGAGAAAATTTGAATGCCTCAGC
AAGTTCTGTAGAAAATGAGCCGGCAGTTAGTTCAGCAACTCAAGCAAAGGAAAAAGTTAAAACCACAATT
GGAATGGTTCTTCTTCCAAAACCAAGAGTTCCTTATCCTCGTTTCTCTCGTTTCTCACAGAGAGAGCAGA
GGAGTTATGTGGACTTGTGGTTAAATACGCAAAGATTCCTGCAAATCCAAAGCTGTTGGAATAAATAA
AAATGACTACTTGCAGTACTTGGATATGAAAAACATGTGAACGAAGAAGTTACTGAGTTCCTAAAGTTT
TTGCAGAATTCTGCAAAGAAATGTGCGCAGGATTATAATATGCTTCTGATGATGCCCTCTCTTCCACAG
AGAAAATTTTAAAGAGCTTGCATTGAACAAGTGA AAAAGTATTCAGAATTCTATACTCTCCACGAGGTCAC
CAGCTTAATGGGATTCTTCCATTAGAGTAGAGATGGGATTAAGTTAGAAAAACTCTTCTCGCATTG
GGCAGTGTAAAATATGTGAAAACAGTATTTCCCTCAATGCCTATAAAGTTGCAGCTGTCAAAGGACGATA
TAGCTACCATTGAAACGTCAGAACAAACAGCTGAAGCTATGCATTATGATATTAGTAAAGATCCAAATGC
AGAGAAGCTTGTTCAGATATCACCTCAGATAGCTCTAACTAGTCAGTCATTATTTACCTTATTAAT
AATCATGGACCAACGTACAAGGAACAGTGGGAAATTCAGTGTGATTCAAGTAACCTGTTGCAGGTT
CAAAACAGTTAAAGTAATATATTAATTCACCCTTCCCCAAAAAAAAAAAAAAAAAAAAAAAAAGAAAAA
AA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC020918 unedited TCAAATTTTGTAAATACGACTCACTATAGGGCGGCCGCAAATTCGCACGAGGGCGCGGCC ACATCCTTTAAATATGGTCTTTCTTGGGCGCGCGACAATGTGAGGAGTGGGGTGGAGC GTGTGTGGTGTGTGGCTGCGGCTGGGCAAGAGCCGCCGCGGACCATGAGCTGAGTAAGT TCTGGAGGGATCCTGCCTCTTGGAGCCTTCGCAGCCAGGCAGCTGTGAACTGTGAGCTAG AGTGAAGCAGAAAATCTAGGAAGATGAGCTCCAAGATGGTCATAAGTGAACCAGGACTGAA TTGGGATATTTCCCCCAAAAATGGCCTTAAGACATTTTTCTCTCGAGAAAATTATAAGA TCATTCCATGGCTCCAAGTTTAAAAGAAGTACGTGTTTTATCCAACAGAGTATAGGAGA AAATTTGAATGCCTCAGCAAGTTCTGTAGAAAATGAGCCGGCAGTTAGTTCAGCAACTCA AGCAAAGGAAAAAGTTAAAACCACAATTGGAATGGTTCTTCTTCCAAAACCAAGATTCC TTATCCTCGTTTCTCTCGTTTCTCACAGAGAGAGCAGAGGAGTTATGTGGACTTGTGGT TAAATACGCAAAGATTCCTGCAAATTCCAAAGCTGTTGGAATAAATAAAAATGACTACTT GCAGTACTTGGATATGAAAAACATGTGAACGAAGAAGTACTGAGTTCCTAAAGTTTTT GCAGAATTCTGCAAAGAAATGTGCGCAGGATTATTATATGCTNTCTGATGATGCCCGTCT CTTCACAGAGAAAAATTTAGAGCTTGCATTGAACAAGTAAAAAGTATTCAGNATNCTAT ACTCTTACAGAGTCCACAGCTTATGGNATTCTTCCATTCGAGTTGAATGGGATTAAAGTA GAAAAACTCTCTCCATGGGCATGAAAAATGTGAACAATTTTTCTCAAGCCATAAGTGCA GTGTCAAGACT
Restriction Sites:	NotI-NotI
ACCN:	BC020918
Insert Size:	4000 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:	<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:	BC020918.1 , AAH20918.1
RefSeq Size:	1472 bp
RefSeq ORF:	1472 bp
Locus ID:	79664
Cytogenetics:	15q22.2
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a protein component of the little elongation complex (LEC), which plays a role in small nuclear RNA (snRNA) transcription. The LEC regulates snRNA transcription by enhancing both RNA Polymerase II occupancy and transcriptional elongation. The encoded protein and other LEC components have been shown to localize to Cajal bodies, which are sites of ribonucleoprotein (RNP) complex assembly. Pseudogenes of this gene have been identified on chromosomes 3 and 4. [provided by RefSeq, May 2017]