

## Product datasheet for **SC310109**

### **CAPRIN2 (NM\_032156) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CAPRIN2 (NM_032156) Human Untagged Clone
Tag:	Tag Free
Symbol:	CAPRIN2
Synonyms:	C1QDC1; EEG-1; EEG1; RNG140
Vector:	<u>pCMV6 series</u>



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_032156, the custom clone sequence may differ by one or more nucleotides

```

ATGCTAATACAATCAGAGAAAAAACAATTATCGAAGACTGAATCTGTCAAAGAGTCA
GAGTCTCTAATGGAATTTGCCAGCCAGAGATACAACCACAAGAGTTTCTTAACAGACGC
TATATGACAGAAGTAGATTATTTCAAACAAACAAGGCGAAGAGCAACCTTGGGAAGCAGAT
TATGCTAGAAAACCAAATCTCCAAAACGTTGGGATATGCTTACTGAACCAGATGGTCAA
GAGAAGAAACAGGAGTCCTTTAAGTCCTGGGAGGCTTCTGGTAAGCACCAGGAGGTATCC
AAGCCTGCAGTTTCCTTAGAACAGAGGAAACAAGACACCTCAAAAACCTCAGGTCTACTCTG
CCGGAAGAGCAGAAGAAGCAGGAGATCTCCAAATCCAAGCCATCTCCTAGCCAGTGGAAAG
CAAGATACACCTAAATCCAAAGCAGGGTATGTTCAAGAGGAACAAAAGAAACAGGAGACA
CCAAAGCTGTGGCCAGTTCAGCTGCAGAAAGAACAAGATCCAAAGAAGCAAACCTCCAAAG
TCTTGGACACCTTCCATGCAGAGCGAACAGAACACCACCAAGTCAATGGACCACTCCCATG
TGTGAAGAACAGGATTCAAAACAGCCAGAGACTCCAAAATCCTGGGAAAACAATGTTGAG
AGTCAAAAACACTCTTTAACATCACAGTCACAGATTTCTCCAAAGTCTGGGAGTAGCT
ACAGCAAGCCTCATACCAAATGACCAGCTGCTGCCAGGAAGTTGAACACAGAACCCAAA
GATGTGCCTAAGCCTGTGCATCAGCCTGTAGGTTCTTCTCTACCTTCCGAAGGATCCA
GTATTGAGGAAAGAAAAACTGCAGGATCTGATGACTCAGATTCAGGAACCTGTAACCTTT
ATGCAAGAGTCTGTTCTTGACTTTGACAAAACCTTCAAGTGCAATTCACAGTCACAACCG
CCTTCAGTACTCCAGGTAGCCCGTAGCATCTAAGAACAATACTGTCCAGTCAAAGT
GATTTTCTTCAAGAGCCGTTACAGGCTACTTCTTCTCCAGTACTTGTAGCTCAAATGCT
TGCTTGGTTACTACCGATCAGGCTTCTTCTGGATCTGAAACAGAGTTTATGACCTCAGAG
ACTCCTGAGGCAGCAATCCCCAGGCAAGCAACCGTCTTCACTAGCTTCTCCAAATCCT
CCCATTGCAAAAGGGCTCTGAACAGGGCTTCCAGTCACTCCAGCAAGTAGTAGTTAGTA
ACCATTAAACACAGCACCCCTTTCAAGCCATGCAGACAGTATTTAAGTTAATGCACCTCTG
CCTCCACGAAAAGAACAAGAAATAAAAGAATCCCCTTATTCACTGGCTACAATCAAAGT
TTTACCACAGCAAGTACACAAACACCACCCAGTGCCAACTGCCATCTATACATGTAGAA
CAAAGTGTCCATTCTCAAGAGACTGCAAATTATCATCCTGATGGAACATTCAAGTAAGC
AATGGTAGCCTTGCCCTTTACCCAGCACAGACGAATGTGTTTCCAGACCTACTCAGCCA
TTTGTCAATAGCCGGGATCTGTTAGAGGATGACTCGTGGTGGGAGATTAATAACCAAT
TCCTATCGGTCCCCTGGTGGTTATAAAGGTTTTGATACTTATAGAGGACTCCCTTCAATT
TCCAATGGAATATAGCCAGCTGCAGTCCAAGCTAGAGAGTATTCTGGAGCACCTTAT
TCCCAAAGGGATAATTTCCAGCAGTGTTATAAGCGAGGAGGGACATCTGGTGGTCCACGA
GCAAATTCGAGAGCAGGGTGGAGTGATTCTTCTCAGGTGAGCAGCCAGAAAGAGACAAC
GAAACCTTTAACAGTGGTGAATCTGGACAAGGAGACTCCCGTAGCATGACCCCTGTGGAT
GTGCCAGTGACAAATCCAGCAGCCACCATACTGCCAGTACACGTCTACCTCTGCCTCAG
CAGATGCGAGTTGCCCTTCTCAGCAGCCAGAACCTTAATCTGGCCCCTGGAACCTTAGAC
CAACCTATTGTGTTTGTCTTCTTCTGAACAACCTAGGAGAACTTTTGTCTTCAGCTT
GGTAGATTTAATTGCCAGTGAATGGCACTTACGTTTTTCAATTTTACATGCTAAAGCTG
GCAGTGAATGTCCACTGTATGTCAACCTCATGAAGAATGAAGAGGTCTTGGTATCAGCC
TATGCCAATGATGGTGCTCCAGACCATGAAACTGCTAGCAATCATGCAATTTCTCAGCTC
TTCCAGGGAGACCAGATATGGTTACGTCTGCACAGGGAGCAATTTATGGAAGTAGCTGG
AAATATTCTACGTTTTCAGGCTATCTTCTTTATCAAGATTGA

```

**Restriction Sites:** Please inquire

**ACCN:** NM\_032156

**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).

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_032156.2</a></u> , <u><a href="#">NP_115532.2</a></u>
<b>RefSeq Size:</b>	4415 bp
<b>RefSeq ORF:</b>	2382 bp
<b>Locus ID:</b>	65981
<b>UniProt ID:</b>	<u><a href="#">Q6IMN6</a></u>
<b>Cytogenetics:</b>	12p11.21
<b>Domains:</b>	C1Q
<b>Gene Summary:</b>	<p>The protein encoded by this gene may regulate the transport of mRNA. It may play a role in the differentiation of erythroblasts. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site in the central coding region, and an alternate splice site in the 3' coding region that causes a frameshift, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is shorter than isoform 1.</p> <p>CCDS Note: The coding region has been updated to represent an alternative splicing pattern that is more supported by the available transcript and protein data.</p>