

## Product datasheet for **SC331696**

### **CAPRIN2 (NM\_001206856) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CAPRIN2 (NM_001206856) Human Untagged Clone
Tag:	Tag Free
Symbol:	CAPRIN2
Synonyms:	C1QDC1; EEG-1; EEG1; RNG140
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC331696 representing NM\_001206856.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAAGTACAAGTATCTCAAGCATCATTGGGTTTCGAGCTCACTTCTGTGAAAAGAGTTTAAGGGAG
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CAGGGTGGAGTATTCTTCTCAGGTGA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001206856  
**Insert Size:** 2718 bp

<b>OTI Disclaimer:</b>	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>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_001206856.1</a></u>
<b>RefSeq Size:</b>	4379 bp
<b>RefSeq ORF:</b>	2718 bp
<b>Locus ID:</b>	65981
<b>UniProt ID:</b>	<u><a href="#">Q6IMN6</a></u>
<b>Cytogenetics:</b>	12p11.21
<b>MW:</b>	101.9 kDa
<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 (4) lacks an alternate in-frame exon and uses an alternate in-frame splice site in the central coding region, and uses an alternate splice site in the 3' coding region that causes a frameshift, compared to variant 1. The encoded isoform (4) has a distinct C-terminus and is shorter than isoform 1.</p>