

## Product datasheet for **SC318749**

### SRCAP (NM\_006662) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SRCAP (NM_006662) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRCAP
Synonyms:	DOMO1; EAF1; FLHS; SWR1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene ORF sequence for NM\_006662 edited  
 ATGCAGAGCAGCCCCTCCCTGCTCACCCCTCAGCTCCCAGTCCACAGACACAGATGGTG  
 TCGGACGGCATGACAGGCAGCAATCCTGTGTCCCCTGCCTCAGTCCAGTCCCCAGCCTCT  
 AGTGGGGCAGGGCGCATCTCCCCGAGCACATAGCTCAAGATTCCCTCACTGGATGGACCT  
 CCAGGCCCCCCAGATGGTGCCACAGTGCCCTGGAGGGTTTTCAGTTATCCCAGGCTGCT  
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 CTGAAGAGGCTGCCTAAGGTGCCAGAGCCCCCTCGCCCCAAAGGTCACTGGGACTATTTG  
 TGCGAAGAGATGCAGTGGCTCTCTGCTGACTTTGCTCAGGAGCGCCGTTGGAAACGGGGT  
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 GAACGGGCCCGGAGGGAGGAGCAGGCCAAGCTGCGTCAATTGCTCCACCATGGCCAAG  
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 CTTGAGGAAAAGCGCAAAAAGCCCTGGACCTGCATTTGGACTTCATTGTGGGGCAAAC  
 GAAAAGTACTCGGACCTTCTGTCTCAGAGCCTCAACCAGCCATTAACCTCCAGCAAAGCA  
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 GGGCCCGTGAAGCGGAAGAGCCTCCTCAGGAGGATAGTAGCAGTCAGTCAGACTCTGTG  
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TCAGCATCAGAGGAATCTGAGTCTGAAGAGTCTGAGGATGCCCAATCACAGAGCCAAGCA  
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 CTTGCTGATGAGATGGGGCTTGGGAAGACCATCCAGACCATCTCTGCTTGCCCACTTG  
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 CCTCGGCCAGCCAGCTCCCGTCTTGGACCGTGACAGCACTTCTGTTCTCGAGAGCTGT  
 GGATTGGGGAGGGCAGCGCAACCCAGGGCCAAGGGGAGAGTGAGGGTAGTTCCTCTGAT  
 GAGGATGGAAGCCGCCCTCACCCGCTGGCCCGCTTCGGCTTGAAGCAGAAGGAATG  
 CGAGGACGGAAGAGTGGAGGGTCCATGGTGGTGGCTGTAATTCAGGATGACCTGGACTTA  
 GCAGATAGCGGGCCAGGCGGGTTGGAATTGACACCACCTGGTCTCACTAACCCAAAA  
 CTGCGCTCGACCCGGCTGCGTCCAGGGTCTTAGTCCCCCACTAGAGACTGAGAAGTTG  
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 CTACAGCCCCAAGTCCCCTGGGGCCTGAGGGTTCAGTAGAGGAGTCTGAGGCTGAAGCC  
 TCAGGTGAGGAGGAGGAAGGGGATGGGACCCACGCCGACGTCTGGCCCCGCCGGCTT  
 GTTGGGACCACCAACCAAGGGGACCAGCGCATCCTGCGCAGCAGGCCCTCCCTCCCTG  
 GCTGGCCCTGCTGTTAGTCACAGAGGCCCAAGGCCAAGACGTGA

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_006662

**Insert Size:**

11500 bp

**OTI Disclaimer:**

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

<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>	<a href="#">NM_006662.2</a> , <a href="#">NP_006653.2</a>
<b>RefSeq Size:</b>	10491 bp
<b>RefSeq ORF:</b>	9693 bp
<b>Locus ID:</b>	10847
<b>UniProt ID:</b>	<a href="#">Q6ZRS2</a>
<b>Cytogenetics:</b>	16p11.2
<b>Gene Summary:</b>	This gene encodes the core catalytic component of the multiprotein chromatin-remodeling SRCAP complex. The encoded protein is an ATPase that is necessary for the incorporation of the histone variant H2A.Z into nucleosomes. It can function as a transcriptional activator in Notch-mediated, CREB-mediated and steroid receptor-mediated transcription. Mutations in this gene cause Floating-Harbor syndrome, a rare disorder characterized by short stature, language deficits and dysmorphic facial features. [provided by RefSeq, Feb 2012]