

## Product datasheet for **SC314504**

### SDCCAG8 (NM\_006642) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SDCCAG8 (NM_006642) Human Untagged Clone
Tag:	Tag Free
Symbol:	SDCCAG8
Synonyms:	BBS16; CCCAP; CCCAP SLSN7; hCCCAP; HSPC085; NPHP10; NY-CO-8; SLSN7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >SC314504 representing NM\_006642.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCGAAGTCCCCGGAGAACTCTACCCCTGGAGGAGATTCTGGGCGAGTATCAACGGAGTCTCCGGGAA
CATGCCAGCAGAAGCATTACCAACTGACATGTGCCCTGAAAGAAGCGATGTCCTATTGGAGAAGAT
GCACCAAATCTTTCTTTAGCACCAGTGTGGGAAATGAGGACGCCAGGACAGCCTGGCCGAATTACAA
CAGAGCCATGCTGTTAATCAGCTCAAAGATTTGTTGCGCCAACAAGCAGATAAGGAAAGTGAAGTATCT
CCGTCAAGAAGAAGAAAATGTCCCCCTTGAGGTCATTAGAACATGAGGAAACCAATATGCCTACTATG
CACGACCTTGTCATACTATTAATGACCAGTCTCAATATATTCATCATTTAGAGGCAGAAGTTAAGTTC
TGCAAGGAGGAAGTCTCTGGAATGAAAAATAAAATACAAGTAGTTGTGCTTGAAAACGAAGGGCTCCAG
CAACAGCTAAAATCTCAAAGACAAGAGGAGACTGAGGGAACAAACACTTCTGGATGCATCCGGAAC
ATGCACAATTCTGGATTACAACAGGTGAAGATTCTGGGGTGGGCGAAACCTCCAAAAGACCATTTTCC
CATGACAATGCAGATTTTGGCAAAGCTGCATCTGCTGGTGAGCAGCTAGAAGTGGAGAAGCTAAAACCT
ACTTATGAGGAAAAGTGTGAAATTGAGGAATCCCAATTGAAGTTTTTGGAGAAGCTAGCTGAATAT
CAGAGAAGTGTGAAGATCTTAAGAGCAACTAAAGCATAAAGAATTTCTTCTGGCTGCTAATACTTGT
AACCGTGTGGTGGTCTTTGTTTGAATGTGCTCAGCATGAAGCTGTTCTTTCCAAACCCATACTAAT
GTTCATATGCAGACCATCGAAAGACTGGTTAAAGAAAGAGATGACTTGATGTCTGCACTAGTTTCCGTA
AGGAGCAGCTTGGCAGATACGCAGCAAAGAGAAGCAAGTGCTTATGAACAGGTGAAACAAGTTTTGCAA
ATATCTGAGGAAGCCAAATTTGAAAAACCAAGGCTTTAATCCAGTGTGACCAGTTGAGGAAGGAGCTG
GAGAGGCAGGCGGAGCGACTTGAAAAAGAACTTGCATCTCAGCAAAGAGAAAAGGGCCATTGAGAAAGAC
ATGATGAAAAAGGAAATAACGAAAGAAAGGGAGTACATGGGATCAAAGATGTTGATCTTGTCTCAGAA
ATTGCCAACTGGAGGCCAGGTGGAAAAGGTTACAAAGGAAAAGATTTAGCTATTAATCAACTGGAG
GAAATTCAAAGCCAGCTGGCTTCTCGGGAATGGATGTCACAAAGGTGTGGAGAAATGCCTATCAG
CTGAATAAAAACCAACATGGAGAAGGATGAGGCAGAAAAGGAGCACAGAGAGTTTCCAGGCAAAAACAACTAAC
AGGGATCTTGAAATTAAGATCAGGAAATAGAGAAATTGAGAATAGAAGTGGATGAAAGCAAAACACAC
TTGGAACAGGAGCAGCAGAAGGCAGCCCTGGCCAGAGAGGAGTGCCTGAGACTAACAGAAGTCTGGGC
GAATCTGAGCACCAACTGCACCTCACCAGACAGGAAAAGATAGCATTACAGCAGAGCTTTAGCAAGGAA
GCAAAGGCCCAAGCCCTCAGGCCAGCAAAGAGAGCAGGAGCTGACACAGAAGATACAGCAAATGGAG
GCCAGCATGACAAAACGAAAATGAACAGTATTTGTTGCTGACCTCCCAGAATACATTTTGCACAAG
TTAAAGGAAGAATGCTGTACATTAGCCAAGAACTGGAACAAATCTCTCAAAAAACAGATCTGAAATA
GCTCAACTCAGTCAAGAAAAAGGTATACATATGATAAATTGGGAAAGTTACAGAGAAGAAATGAAGAA
TTGGAGGAACAGTGTGTCCAGCATGGGAGAGTACATGAGACGATGAAGCAAAGGCTAAGGCAGCTGGAT
AAGCACAGCCAGGCCACAGCCAGCAGCTGGTGCAGCTCCTCAGCAAGCAGAACCAGCTTCTCCTGGAG
AGGCAGAGCCTGTGGAAGAGGTGGACCGGCTGCGGACCCAGTTACCCAGCATGCCACAATCTGATTGC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_006642

**Insert Size:** 2142 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).

<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_006642.3</a>
<b>RefSeq Size:</b>	2632 bp
<b>RefSeq ORF:</b>	2142 bp
<b>Locus ID:</b>	10806
<b>UniProt ID:</b>	<a href="#">Q86SQ7</a>
<b>Cytogenetics:</b>	1q43-q44
<b>MW:</b>	82.7 kDa
<b>Gene Summary:</b>	This gene encodes a centrosome associated protein. This protein may be involved in organizing the centrosome during interphase and mitosis. Mutations in this gene are associated with retinal-renal ciliopathy. [provided by RefSeq, Oct 2010]