

## Product datasheet for **SC126421**

### **CABS1 (NM\_033122) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	CABS1 (NM_033122) Human Untagged Clone
Tag:	Tag Free
Symbol:	CABS1
Synonyms:	C4orf35; CLPH; NYD-SP26
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_033122 edited  
 TGAGTCCAGAAGCAAGACCTGTGAGAGTGCACAGTGCCACTTCGCCCCATGGCTGAAGAT  
 GGTTCGCCAAAAATTTATTCTCATCCTCCAACAGAAAGCAGTAAAAACCAACTGCAGCA  
 ACCATTTTCTTTGGGGCTGACAAATGCTATTCCTCAATCAGAAACAATATTACTTCAGAA  
 GGAGACCACGTCACCTCAGTAAATGAATATATGCTAGAAAAGCGATTTTCAACAACACTACA  
 GACAACAACACTGACAGCTAAAAAGGAAAACTCAAATCAGAAGATGATATGGGGACCGAC  
 TTTATTAAGTCAACAACACTCACCTACAGAAAGAAATTACCTCTGACTGGCACTACAAC  
 TCCATAACAAGAGACTCTATTACCGAACATTTTCATGCCAGTGAAAATTGGGAATATTTCA  
 TCACCAGTACTACTGTTTCTTTAATAGATTTTTCCACTGACATAGCAAAAAGAAGATATC  
 CTCTTAGCTACCATTGACACAGGAGATGCAGAGATCTCAATAACCTCTGAAGTCTCTGGC  
 AACTAAAGGACAGCAGTGTGGTGTGCTGACGCTCCTGCCTTCCACGTAAAAAGGAT  
 GAAGCTGATATGAGCAATTATAATTCCTCCATCAAATCCAATGTCCTGCTGATGAGGCT  
 GTCAGGTCACCTGATTCCATTATTCCTGAGGCTGAAATCCCTCCTGCTCCTGAAGAAAGC  
 TTCCTACTATTCCAGACATAACTGCCCTTGAAGAAGAGAAAATAACCGAAATTGACCTA  
 AGTGTTTTAGAAGATGACACCAGTGTGGCTACATTAAGTACTGCTGATGAGAAGTTT  
 ATCACTGTGTTTGAACACTACTACCTCTGCTGAAAAGACAAAGATAACCGGAAGATACT  
 CTGCTAACTGATGAAGAACTACCGAGGGAGCCAGTATTGGGATGGAGAGAGATACTGCA  
 AATGAAGCAGAGACCCATTCTGTTTTGCTTACTGCTGTTGAATCCAGATGACTTCGTT  
 GTCCCTGCATCAATAGCTACAAACCTAGTGAAGAATCATCTACAGAAGAAGATTTGCT  
 GAAACTGATAATACAGAGACTGTACCTAAGATCACTGAGCCATTTTCTGGAACACTCCTCT  
 GTATTAGATACCCAGACTATAAGGAAGACACCTCCACAACACTGAAACGGATATCTTTGAA  
 CTACTGAAAGAAGAACCAGTATGAGTTTATGATTTAAAAGCAACAAAAGGGATACCATGTA  
 GAATTGTGCAATAGTCTAGCCAGCTAGCCTTAACATCTAAGAAATTTTTCCAACAAGCAA  
 AAACCTTTAGAAATGAAAGAATGTGGGCATTTAAGGTCTTAAACACTGAATATCACACTC  
 TTCTTATGACTCTTGTGAGCATTCAAGGACATAAATCTTCAATCTTTTCTGGCACAGAC  
 TACTTAAATGGGTCTGTTTTCACTTTGCTCATTCTTTCTCAATAAATCTTTTGGCAAGC  
 AACTGAA  
 AAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_033122 unedited  
 GGTTCGAATTTGTATACCCTTACTATAGGCGGCCGCGNAATTCGATCTGGTACCGGTC  
 CGGAATCCCAGGATTGAGTCCAGAAGCAAGACCTGTGAGAGTGCACAGTGCCACTTCGC  
 CCCATGGCTGAAGATGGTTTTCGCCAAAAATTTATTCTCATCCTCCAACAGAAAGCAGTAA  
 ACACCAACTGCAGCAACCATTTTCTTTGGGGCTGACAAATGCTATTCCTCAATCAGAAACA  
 ACTATTACTTCAGAAGGAGACCACGTCACCTCAGTAAATGAATATATGCTAGAAAAGCGAT  
 TTTTCAACAACACTACAGACAACAACACTGACAGCTAAAAAGGAAAACTCAAATCAGAAGAT  
 GATATGGGGACCGACTTTATTAAGTCAACAACACTCACCTACAGAAAGAAATTACCTCTG  
 ACTGGCACTACAACTCCATAACAAGAGACTCTATTACCGAACATTTTCATGCCAGTGAAA  
 ATTGGGAATATTTTCATCACCAGTACTACTGTTTCTTTAATAGATTTTTCCACTGACATA  
 GCAAAAAGAAGATATCCTCTTAGCTACCATTGACACAGGAGATGCAGAGATCTCAATAACC  
 TCTGAAGTCTCTGGCACACTAAAGGACAGCAGTGTGGTGTGCTGACGCTCCTGCCTTT  
 CCACGTAAAAAGGATGAAGCTGATATGAGCAATTATAATTCCTCCATCANATCCAATGTC  
 CCTGCTGATGAAGCTGTCCAGGTCACCTGATTCCATTATTCCTGAGCTGAATCCTCCTG  
 CTCCTGAAGAAAGCTCACTACTATTCCAGACATAACTGCCCTTGAAGAAAGAGAAATAA  
 CCGAAATTGACCTAAGTGTTTAAGAGATGACACCAGTGTGGGGCTACATTAAGTAC  
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**Restriction Sites:** NotI-NotI

**ACCN:** NM\_033122

<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>	<a href="#">NM_033122.2</a> , <a href="#">NP_149113.2</a>
<b>RefSeq Size:</b>	1578 bp
<b>RefSeq ORF:</b>	1188 bp
<b>Locus ID:</b>	85438
<b>UniProt ID:</b>	<a href="#">Q96KC9</a>
<b>Cytogenetics:</b>	4q13.3
<b>Gene Summary:</b>	Calcium-binding protein (By similarity). Essential for maintaining the structural integrity of the sperm flagella (By similarity).[UniProtKB/Swiss-Prot Function]