

## Product datasheet for **SC332449**

### AP180 (SNAP91) (NM\_001256717) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	AP180 (SNAP91) (NM_001256717) Human Untagged Clone
Tag:	Tag Free
Symbol:	AP180
Synonyms:	AP180; CALM
Vector:	pCMV6-Entry (PS100001)



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**Fully Sequenced ORF:** >SC332449 representing NM\_001256717.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGGGCGTTCAAGAATAATAACAATTTGATCCAGGCTACCAACGAGACCAATGTTAATATTCCTCAG
ATGGCCGACACTCTCTTTGAGCGGGCAACAAACAGTAGCTGGGTGGTTGTGTTTAAAGCCTTTAGTGACA
ACACATCATCTCATGGTGCATGGAATGAGAGATTTATTCAATATTTGGCTTCTAGAAATACACTATTC
AATCTCAGCAATTTTTGGACAAAAGTGGATCCCATGGTTATGATATGCTACCTCATAAAGGCGCTAT
AGTAGATATTTGAATGAAAAGGCTTTTTCTTACAGACAGATGGCCTTTGATTTTGCAGGGTGAAGAAA
GGGGCCGATGGTGAATGAGGACAATGGCTCCCGAAAAGCTGCTAAAGAGTATGCCAATACTACAGGGA
CAAATTGATGCACTGCTTGAATTTGATGTGCATCCAAATGAACTAACAATGGTGTCAATAATGCAGCA
TTTATGCTTCTTTCAAAGATCTTATCAAACCTTTTTGCTTGTACAATGATGGTGTATTAACTTACTC
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CCTAATCTACACCAGCTAAAACCTATTGACACATCCCCACCGTTGATTTATTTGCAACTGCATCTGCG
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CCAGAACCTACCCTCTACTACAACCTGCTGAAATGCAACTGCCTCAGCTTCTGCCTCCACTACTACA
ACTGTTACTGCTGCACTGCTGAAGTGGATCTCTTTGGAGATGCCTTTCAGCTTCTCTGGGGAGGCC
CCTGCAGCATCCGAAGGGGCCCGCCAGCAGTACCCCAACCCCTGTAGCAGCAGCACTTGTATGCATGT
TCAGAAATGACCCCTTTGCCCGTCTGAAGGTAGTGCAGAGGCTGCACCTGAGCTGGACCTCTTTGCA
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GATGCATTTGGAAGTAGTGTCTTGAACCCCACTGCATCTCAGGCTGCTTCTAGTTTCATCAGCATCG
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GCACCTGTCTCAATGGTACCACCCAGTCCCTGCAATGGCAGCCAGCAAAGCCCTTGAAGTGATCTTGAT
TCATCTCTTGCCAGCTTAGTAGGCAATCTTGAATTTCTGGTACCACAACAAAAAGGGAGATCTTCAG
TGAATGCTGGAGAGAAAAGTTGACTGGTGGAGCCAACCTGGCAGCCTAAAGTAGCTCCAGCAACCTGG
TCAGCAGGCGTTCCACCAAGTGCACCTTTGCAAGGAGCTGTACCTCAACCAGTTCAGTTCTCCTGTT
GCCGGGGCCCCATCGGTTGGACAACCTGGAGCAGGATTTGGAATGCCTCCTGCTGGGACAGGCATGCC
ATGATGCCTCAGCAGCCGGTCAATGTTTGCACAGCCCATGATGAGGCCCCCTTTGGAGCTGCCGCTGA
CCTGGCACGCAGCTTTCTCAAGCCCTACACCTGCCAGTCAGAGTCCCAAGAAACCTCCAGCAAAGGAC
CCATTAGCGGATCTTAACATCAAGGATTTCTTTAA
  
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**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001256717

**Insert Size:** 2451 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>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>NM_001256717.1</u>
<b>RefSeq Size:</b>	4529 bp
<b>RefSeq ORF:</b>	2451 bp
<b>Locus ID:</b>	9892
<b>UniProt ID:</b>	<u>O60641</u>
<b>Cytogenetics:</b>	6q14.2
<b>MW:</b>	83.4 kDa
<b>Gene Summary:</b>	<p>Adaptins are components of the adapter complexes which link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins, leading to their selection and concentration. Binding of AP180 to clathrin triskelia induces their assembly into 60-70 nm coats (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (d) has a distinct N-terminus and is shorter than isoform a.</p>