

## Product datasheet for **MC229023**

### Snap91 (NM\_001277983) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Snap91 (NM_001277983) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snap91
Synonyms:	91kDa; AP180; F1-20; mKIAA0656
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC229023 representing NM\_001277983  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGGGCCAAACGCTCACGGATCGGATCGCCGCCGCTCAGTACAGCGTACTGGCTCTGCTGTAGCAA  
 GAGCAGTCTGCAAAGCCACCACTCATGAGGTGATGGGCCCAAGAAGAAGCACCTGGACTATTTGATCCA  
 GGCTACCAATGAGACCAATGTCAATATCCCTCAGATGGCCGACACCCTCTTTGAGCGGGCACAACAGT  
 AGCTGGGTGGTGGTATTTAAAGCTTTAGTGACCACACACCATCTCATGGTGCATGGAAATGAGAGATTTA  
 TTCAGTATTTGGCCTCTAGGAATACGCTATTCAATCTCAGCAACTTTCTAGATAAAAAGTGGATCCCACGG  
 TTATGATATGTCTACGTTACACGGCTTACAGTAGATACTTGAATGAAAAGGCTTTCTCCTACAGACAG  
 ATGGCATTGACTTTGCCAGAGTGAAGAAAGGGGCTGACGGTGCATGAGGACGATGGTTCTGAAAAGC  
 TCCTGAAGAGTATGCCAATCCTGCAGGGCAGATCGATGCACTGCTGGAGTTTGTGTGCATCCAAATGA  
 ACTAACCAATGGTGCATAAATGCTGCATTTATGCTTCTTTTCAAAGATCTTATCAAAGTGGTGGCTTGC  
 TACAATGACGGCGTCATTAACCTACTTGAAAAATTTTTCGAGATGAAGAAAGGTCAATGCAAAGACGCGC  
 TAGAAATTTACAAGCGATTTCTAACTAGAATGACGAGGGTGTCTGAATTCCTCAAGGTCGCCGAGCAAGT  
 TGGTATTGATAAAGGTGACATTTCCCGACCTCACACAGGCTCCCAGCAGTCTTATGGAGACCTTGAACAA  
 CATCTAAATACCTAGAAAGGAAAGAAACCTGGAACAAATCTGGTGTCCCTCTCCACTAAGTAAGTCTT  
 CTCCAGCCACAACCTGTTACATCTCCTAATTCTACACCAGCTAAAACATCGACACATCCCGCCAGTTGA  
 CATATTTGCAACAGCATCCGCGGCTGCCAGTCAGCTCTGCTAAGCCATCAAGCGATCTCCTTGATCTT  
 CAGCCCGACTTCTCTGGAGCAGCTGCCGGGCGAGCAGCACCTGTAGTGCCTCTTCTGGGGTGGCAGCC  
 CTTGGGGAGATTCCTGGCTGCATTTCTCTGTTCCCTGTGAAGCACCAGATTTACAGCCATTTGCACC  
 AGAGCCTTCCCTCCTACTACAACCACTGAGCCTGCTTACGCCTCTGCCTCGACCACCACAGCTGTGACG  
 GCTGTCACTACGGAAGTGGATCTCTTTGGAGATGCCTTTGACGCTTCTCCTGGGGAGGCCCTGCAGCAT  
 CCGAAGGGGCTACCGCACCAGCTACCCCGGCCAGTGGCTGCAGCTCTTGATGCATGCTCAGGAAATGA  
 CCCTTTTGCCCCATCTGAAGGTAGCGCAGAGGCTGCACCTGAGCTGGACCTCTTTGCAATGAAGCCACCT  
 GAGACCAGCGCTCCTGTAGTTACCCCTACAGCTAGCACAGCCCTCCAGTTCCCGCAACTGCTCCTTCTC  
 CTGCTCCCACGGCTGTGGCAGCCACTGCTGCCACCACCACCGCCCGCTGCAGTACCACCAGTCCAC  
 CACCTCTGCTGCTGCTGCCACCACCGCCGCTGCTCCTCCTGCTCTAGATATCTTTGGTGATTTGTTTGT  
 TCTGCTCTGAAGTTGCTGCAGCACCTAAGCCAGACGCGCTCCTAGCATAGACCTGTTTGGCACAGATG  
 CTTTCTCCTCCCGCCACGAGGGGCTCTCCGGTGCCTGAGAGTTCTCTCACTGCTGACCTTTATCTGT  
 GGACGCATTTGCAGCGCCGCTCCTGATCCACTGCCTCTCCTGCAAAGGCGGAGTCTCCGGGTGTCATA  
 GACCTTTTGGGGGATTTGGGGTTCTTTCATGGCCCTTCTACAACGCCAGTACTCCAGCTCAGAATA  
 ACCTGTGCAACCCAGTTTCGAGGCAGCTTTTGGAACGACGCCTTCGACTTCAAGCAGCAGCTCTTTTGA  
 CCCATCAGTGTGATGGTTTAGGCGATCTTCTGATGCCAACCATGGCACCATCCGGGCAGCCTGCCCT  
 GTCTCAATGGTCCCACCCAGTCTGCAATGGCAGCCAGCAAAGGCTCGGAAGTGACCTTGACTCGTCTC  
 TGGCCAGTTTGTAGGCAATCTTGGGATTTCTGGTACCACATCAAAAAGGGAGATCTCCAGTGGAAATGC  
 TGGGGAGAAAAAGCTGACTGGTGGAGCCAACTGGCAACCGAAAGTCACTCCAGCCACATGGTCAGCGGT  
 GTTCCCCGCTCCTTCAGGGACAGGCATGACCATGATGTCTCAGCAGCCAGTCATGTTTGCACAGCCCA  
 TGATGAGGCCACCCTTTGGAGCTGCAGCTGTGCCCGGCACACAGCTTTTCCAAGCCCTACACCTGCCAC  
 TCAGAGTCCCAAGAACTCCAGCCAAGGACCCGTTAGCGGATCTTAACATCAAGGATTTCTTGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001277983  
**Insert Size:** 2517 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001277983.1, NP_001264912.1</u>
<b>RefSeq Size:</b>	4179 bp
<b>RefSeq ORF:</b>	2517 bp
<b>Locus ID:</b>	20616
<b>Cytogenetics:</b>	9 E3.1
<b>Gene Summary:</b>	Adaptins are components of the adaptor 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.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) lacks four in-frame exons in the coding region, compared to variant 1. The resulting isoform (4) is shorter and lacks four internal segments, compared to isoform 1.