

## Product datasheet for **MC229133**

### Snap91 (NM\_001277986) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Snap91 (NM_001277986) 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



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**Fully Sequenced ORF:** >MC229133 representing NM\_001277986  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGGGCCAAACGCTCACGGATCGGATCGCCGCGCTCAGTACAGCGTACTGGCTCTGCTGTAGCAA  
 GAGCAGTCTGCAAAGCCACCACTCATGAGGTGATGGGCCCAAGAAGAAGCACCTGGACTATTTGATCCA  
 GGCTACCAATGAGACCAATGTCAATATCCCTCAGATGGCCGACACCCTCTTTGAGCGGGCACAACAGT  
 AGCTGGGTGGTGGTATTTAAAGCTTTAGTGACCACACACCATCTCATGGTGCATGGAAATGAGAGATTTA  
 TTCAGTATTTGGCCTCTAGGAATACGCTATTCAATCTCAGCAACTTTCTAGATAAAAAGTGGATCCCACGG  
 TTATGATATGTCTACGTTACACGGCGTTACAGTAGATACTTGAATGAAAAGGCTTTCTCCTACAGACAG  
 ATGGCATTGACTTTGCCAGAGTGAAGAAAGGGGCTGACGGTGCATGAGGACGATGGTTCTGAAAAGC  
 TCCTGAAGAGTATGCCAATCCTGCAGGGGACAGATCGATGCACTGCTGGAGTTTGTATGTCATCCAAATGA  
 ACTAACCAATGGTGTCAAATGCTGCATTTATGCTTCTTTTCAAAGATCTTATCAAAGTGGTTCCTTGC  
 TACAATGACGGCGTCATTAACCTACTTGAAAAATTTTCGAGATGAAGAAAGGTCAATGCAAAGACGCGC  
 TAGAAATTTACAAGCGATTTCTAACTAGAATGACGAGGGTGTCTGAATTCCTCAAGGTCGCCGAGCAAGT  
 TGGTATTGATAAAGGTGACATTTCCGACCTCACACAGGCTCCCAGCAGTCTTATGGAGACCTTGAACAA  
 CATCTAAATACCTTAGAAGGAAAGAAACCTGGAACAATGAAGGATCTGGTGCCTCCCTCTCCACTAAGTA  
 AGTCTTCTCCAGCCACAACCTGTTACATCTCTAATTCTACACCAGCTAAAATATCGACACATCCCCGCC  
 AGTTGACATATTTGCAACAGCATCCGCGGCTGCCCCAGTCAGCTCTGCTAAGCCATCAAGCGATCTCCT  
 GATCTTCAGCCGACTTCTCTGGAGCAGCTGCGGGGACGACGACCTGTAGTGCCTCCTCTGGGGGTG  
 CGACCCCTGGGAGACCTTTTGGGAGAGGATTCCTTGGTGCATTTCCCTGTTCCTGTGAAGCACC  
 GATTTTCAGACCCATTTGCACCAGAGCCTTCCCCTCCTACTACAACCACTGACCTGCTTCAGCCTCTGCC  
 TCGACCACACAGCTGTGACGGCTGTACTACGGAAGTGGATCTCTTTGGAGATGCCTTTGCAGTTCTC  
 CTGGGGAGGCCCTGCAGCATCCGAAGGGGCTACCGCACCAGCTACCCCGGCCAGTGGCTGCAGCTCT  
 TGATGCATGCTCAGGAAATGACCCTTTTGGCCATCTGAAGGTAGCGCAGAGGCTGCACCTGAGCTGGAC  
 CTCTTTGCAATGAAGCCACCTGAGACCAGCGCTCTGTAGTTACCCCTACAGCTAGCACAGCCCTCCAG  
 TTCCCGCAACTGCTCCTTCTCCTGCTCCCACGGCTGTGGCAGCCACTGCTGCCACCACCACCGCCCGC  
 TGCAGCTACCACCCTGCCACCCTCTGCTGCTGCTGCCACCACCGCCGCTGCTCCTCCTGCTCTAGAT  
 ATCTTTGGTGATTGTTTATTCTGCTCCTGAAGTTGCTGCAGCACCTAAGCCAGACGCGGCTCCTAGCA  
 TAGACCTGTTGGCACAGATGCTTCTCCTCCCGCCACGAGGGGCTCTCCGGTGCCTGAGAGTTCTCT  
 CACTGCTGACCTCTTATCTGTGGACGATTTGCAGCGCCGCTCCTGCTGATCCACTGCCTCTCCTGAAAAG  
 GCGGAGTCTCGGGTGCATAGACCTTTTTGGGGATGCGTTTGGAAAGTGGTGTCTCTGAAACCCAGCCAG  
 CACCACAGGCTGTTTCTAGTTTATCAGCATCGGCAGATCTACTAGCTGGATTTGGGGTTCTTTCATGGC  
 CCCTTCTACAACGCCAGTGACTCCAGCTCAGAATAACCTGCTGCAACCCAGTTTCGAGGCAGTTTTTGA  
 AAGTGACCTTGACTCGTCTCTGGCCAGTTTAGTAGGCAATCTTGGGATTTCTGGTACCACATCAAAAAAG  
 GGAGATCTCCAGTGAATGCTGGGGAGAAAAAGCTGACTGGTGGAGCCAACCTGGCAACCCGAAAGTCACTC  
 CAGCCACATGGTCAGCGGGTGTCCCGGCAAGGCACTGTTCCACCAACCAGCTCAGTCCCTCCGGGTGC  
 CGGGGCCCGTCCGTTGGGCAACCTGGAGCAGGATTTGGAATGCCTCCTCAGGGACAGGCATGACCATG  
 ATGCTCAGCAGCCAGTCATGTTTGCACAGCCATGATGAGGCCACCCTTTGGAGCTGCAGCTGTGCCCG  
 GCACACAGCTTTCTCAAGCCCTACACCTGCCACTCAGAGTCCCAAGAACTCCAGCCAAGGACCCGTT  
 AGCGGATCTTAACATCAAGGATTTCTT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001277986

<b>Insert Size:</b>	2691 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><a href="#">NM_001277986.1</a></u> , <u><a href="#">NP_001264915.1</a></u>
<b>RefSeq Size:</b>	4353 bp
<b>RefSeq ORF:</b>	2691 bp
<b>Locus ID:</b>	20616
<b>UniProt ID:</b>	<u><a href="#">Q61548</a></u>
<b>Cytogenetics:</b>	9 E3.1
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) has an alternate splice site in the 3' coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.</p>