

Product datasheet for **MC229076**

Snap91 (NM_001277982) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snap91 (NM_001277982) 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: >MC229076 representing NM_001277982
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCGGGCCAAACGCTCACGGATCGGATCGCCGCCGCTCAGTACAGCGTACTGGCTCTGCTGTAGCAA
 GAGCAGTCTGCAAAGCCACCACTCATGAGGTGATGGGCCCAAGAAGAAGCACCTGGACTATTTGATCCA
 GGCTACCAATGAGACCAATGTCAATATCCCTCAGATGGCCGACACCCTCTTTGAGCGGGCACAACAGT
 AGCTGGGTGGTGGTATTTAAAGCTTTAGTGACCACACACCATCTCATGGTGCATGGAAATGAGAGATTTA
 TTCAGTATTTGGCCTCTAGGAATACGCTATTCAATCTCAGCAACTTTCTAGATAAAAAGTGGATCCCACGG
 TTATGATATGTCTACGTTACACGGCGTTACAGTAGATACTTGAATGAAAAGGCTTTCTCCTACAGACAG
 ATGGCATTGACTTTGCCAGAGTGAAGAAAGGGGCTGACGGTGCATGAGGACGATGGTTCTGAAAAGC
 TCCTGAAGAGTATGCCAATCCTGCAGGGGCAGATCGATGCACTGCTGGAGTTTGTATGTCATCCAAATGA
 ACTAACCAATGGTGTCAAATGCTGCATTTATGCTTCTTTCAAAGATCTTATCAAAGTGGTTGCTTGC
 TACAATGACGGCGTCATTAACCTTACTTGAAAAATTTTCGAGATGAAGAAAGGTCAATGCAAAGACGCGC
 TAGAAATTTACAAGCGATTTCTAACTAGAATGACGAGGGTGTCTGAATTCCTCAAGGTCGCCGAGCAAGT
 TGGTATTGATAAAGGTGACATTCACGACCTCACACAGGCTCCCAGCAGTCTTATGGAGACCCTTGAACAA
 CATCTAAATACCTTAGAAGGAAAGAAACCTGGAACAATGAAGGATCTGGTGTCCCTCTCCACTAAGTA
 AGTCTTCTCCAGCCACAACCTGTTACATCTCTAATTCTACACCAGCTAAAATATCGACACATCCCCGCC
 AGTTGACATATTTGCAACAGCATCCGCGGCTGCCCCAGTCAGCTCTGCTAAGCCATCAAGCGATCTCCT
 GATCTTCAGCCGACTTCTCTGGAGCAGCTGCGGGGCGCAGCAGCACCTGTAGTGCCTCCTCTGGGGGTG
 CGACCCCTGGGAGACCTTTTGGGAGAGGATTCCTGGTGCATTTCCCTGTCCCTGTGAAGCACC
 GATTTTCAGACCCATTTGCACCAGAGCCTTCCCCTCCTACTACAACCACTGACCTGCTTCAGCCTCTGCC
 TCGACCACACAGCTGTGACGGCTGTACTACGGAAGTGGATCTCTTTGGAGATGCCTTTGCAGTTCTC
 CTGGGGAGGCCCTGCAGCATCCGAAGGGGCTACCGCACCAGCTACCCCGGCCAGTGGCTGCAGCTCT
 TGATGCATGCTCAGGAAATGACCCTTTTGCCTCATCTGAAGGTAGCGCAGAGGCTGCACCTGAGCTGGAC
 CTCTTTGCAATGAAGCCACCTGAGACCAGCGCTCTGTAGTTACCCCTACAGCTAGCACAGCCCTCCAG
 TTCCCGCAACTGCTCCTTCTCCTGCTCCCAGGCTGTGGCAGCCACTGCTGCCACCACCACCGCCCGC
 TGCAGCTACCACCCTGCCACCCTCTGCTGCTGCTGCCACCACCGCCGCTGCTCCTCCTGCTCTAGAT
 ATCTTTGGTGATTTGTTTATTCTGCTCCTGAAGTTGCTGCAGCACCTAAGCCAGACGCGGCTCCTAGCA
 TAGACCTGTTGGCAGAGATGCTTCTCCTCCCGCCACGAGGGGCTCTCCGGTGCCTGAGAGTTCTCT
 CACTGCTGACCTCTTATCTGTGGACGATTTGCAGCGCCGCTCCTGCTGATCCACTGCCTCTCCTGAAAAG
 GCGGAGTCTCGGGTGCATAGACCTTTTTGGGGATGCGTTTGGAAAGTGGTGTCTCTGAAACCCAGCCAG
 CACCACAGGCTGTTTCTAGTTTATCAGCATCGGCAGATCTACTAGCTGGATTTGGGGGTTCTTTCATGGC
 CCCTTCTACAACGCCAGTGACTCCAGCTCAGAATAACCTGCTGCAACCCAGTTTCGAGGCAGTTTTGGA
 AAGTGACCTTGACTCGTCTCTGGCCAGTTTAGTAGGCAATCTTGGGATTTCTGGTACCACATCAAAAAAG
 GGAGATCTCCAGTGAATGCTGGGGAGAAAAAGCTGACTGGTGGAGCCAACCTGGCAACCCGAAAGTCACTC
 CAGCCACATGGTCAGCGGTGTTCCCCCGCTCCTTCAGGGACAGGCATGACCATGATGTCTCAGCAGCC
 AGTCATGTTTGCACAGCCATGATGAGGCCACCCTTTGGAGCTGCAGCTGTGCCGGCACACAGCTTTCT
 CCAAGCCCTACACCTGCCACTCAGAGTCCCAAGAACTCCAGCCAAGGACCCGTTAGCGGATCTTAACA
 TCAAGGATTTCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001277982

Insert Size:	2607 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001277982.1, NP_001264911.1</u>
RefSeq Size:	4157 bp
RefSeq ORF:	2607 bp
Locus ID:	20616
UniProt ID:	<u>Q61548</u>
Cytogenetics:	9 E3.1
Gene Summary:	<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 (3) has an alternate splice site and lacks an in-frame exon in the 3' coding region, compared to variant 1. The resulting isoform (3) is shorter and lacks two segments in the C-terminal region, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>