

Product datasheet for **MC218238**

Snap91 (BC052454) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snap91 (BC052454) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snap91
Synonyms:	AP180, F1-20, 91kDa
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC052454
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGACCCCTTGAACAACATCTAAATACCTAGAAGGAAAGAAACCTGGAACAATGAAGGATCTGGTG
 CTCCTCTCCACTAAGTAAGTCTTCTCCAGCCACAACCTGTACATCTCCTAATTCTACACCAGCTAAAAC
 TATCGACACATCCCCGCCAGTTGACATATTTGCAACAGCATCCGCGGCTGCCCCAGTCAGCTCTGCTAAG
 CCATCAAGCGATCTCCTTGATCTTCAGCCCGACTTCTCTGGAGCAGCTGCGGGGGCAGCAGCACCTGTAG
 TGCCTCCTTCTGGGGTGCAGCCGCTGGGGAGACCTTTTGGGAGAGGATTCTTGGCTGCACTTTCCTC
 TGTTCCCTGTGAAGCACCGATTTTCAGACCCATTTGCACCAGAGCCTTCCCCTCTACTACAACCACTGAG
 CCTGCTTCAGCCTCTGCCTCGACCACACAGCTGTGACGGCTGTCACACGGAAGTGATCTCTTTGGAG
 ATGCCTTTCAGCTTCTCCTGGGAGGCCCTGCAGCATCCGAAGGGGCTACCGACCAGCTACCCCGGC
 CCCAGTGGCTGCAGCTCTTGATGCATGCTCAGGAAATGACCTTTTGCCCATCTGAAGGTAGCGCAGAG
 GCTGCACCTGAGCTGGACCTTTTGAATGAAGCCACCTGAGACCAGCGCTCCTGTAGTTACCCCTACAG
 CTAGCACAGCCCCCTCCAGTTCCCGCAACTGCTCCTTCTCCTGCTCCCACGGCTGTGGCAGCCACTGCTGC
 CACCACCACCGCCGCGCTGCAGCTACCACCCTGCCACCACCTGCTGCTGCTGCCACCACCGCCGCT
 GCTCCTCTGCTTAGATATCTTTGGTGATTTGTTTATTCTGCTCCTGAAGTTGCTGCAGCACCTAAGC
 CAGACGCGGCTCCTAGCATAGACCTGTTTGGCACAGATGCTTCTCCTCCCCGCCACGAGGGGCTCTCC
 GGTGCCTGAGAGTTCTCTCACTGCTGACCTTTATCTGTGGACGCAATTCAGCGCCGCTCCTGCATCC
 ACTGCCTCCTGCAAAGCGGGAGTCTCGGGTGCATAGACCTTTTGGGGATGCGTTTGAAGTGGTG
 CTTCTGAAACCCAGCCAGCACACAGGCTGTTTCTAGTTTCATCAGCATCGGCAGATCTACTAGCTGGATT
 TGGGGGTTCTTTTCATGGCCCTTCTACAACGCCAGTGACTCCAGCTCAGAATAACCTGCTGCAACCCAGT
 TTCGAGGCAGCTTTTGAACGACGCTTCGACTTCAAGCAGCAGCTCTTTTGACCCATCAGTGTGTTGATG
 GTTTAGGCGATCTTCTGATGCCAACATGGCACCATCCGGGCAGCCTGCCCTGTCTCAATGGTCCCACC
 CAGTCTGCAATGGCAGCCAGCAAAGGCCCTCGGAAGTGACCTTGACTCGTCTCTGGCCAGTTTAGTAGGC
 AATCTTGGGATTTCTGGTACCACATCAAAAAGGGAGATCTCCAGTGGAATGCTGGGGAGAAAAAGCTGA
 CTGGTGGAGCCAACTGGCAACCGAAAGTCACTCCAGCCACATGGTCAGCGGGTGTCCCCCGCAAGGCAC
 TGTTCCACCAACCAGCTCAGTCCCTCCGGGTGCCGGGGCCCGTCCGTTGGGCAACTGGAGCAGGATTT
 GGATGCCTCCTCAGGGACAGGCATGACCATGATGTCTCAGCAGCCAGTCATGTTTGCACAGCCCATGA
 TGAGGCCACCCTTGGAGCTGCAGCTGTCCCGGCACACAGCTTTCTCCAAGCCCTACACCTGCCACTCA
 GAGTCCAAGAAACCTCCAGCCAAGGACCCGTTAGCGGATCTTAACATCAAGGATTTCTTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC052454

Insert Size: 1884 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).

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:

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: [BC052454](#), [AAH52454](#)

RefSeq Size: 4519 bp

RefSeq ORF: 1883 bp

Locus ID: 20616

Cytogenetics: 9 E3.1

Gene Summary: 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]