

Product datasheet for **MR230587**

Snap91 (NM_001277985) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snap91 (NM_001277985) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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ORF Nucleotide Sequence:

>MR230587 representing NM_001277985
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGGCCAAACGCTCACGGATCGGATCGCCGCCGCTCAGTACAGCGTACTGGCTCTGCTGTAGCAA
 GAGCAGTCTGCAAAGCCACCACTCATGAGGTGATGGGCCCAAGAAGAAGCACCTGGACTATTTGATCCA
 GGCTACCAATGAGACCAATGTCAATATCCCTCAGATGGCCGACACCCTCTTTGAGCGGGCACAACAGT
 AGCTGGGTGGTGGTATTTAAAGCTTTAGTGACCACACACCATCTCATGGTGCATGGAAATGAGAGATTTA
 TTCAGTATTTGGCCTCTAGGAATACGCTATTCAATCTCAGCAACTTTCTAGATAAAAAGTGGATCCCACGG
 TTATGATATGTCTACGTTACACGGCGTTACAGTAGATACTTGAATGAAAAGGCTTTCTCCTACAGACAG
 ATGGCATTGACTTTGCCAGAGTGAAGAAAGGGGCTGACGGTGCATGAGGACGATGGTTCCTGAAAAGC
 TCCTGAAGAGTATGCCAATCCTGCAGGGCAGATCGATGCACTGCTGGAGTTTGTATGCATCCAATGA
 ACTAACCAATGGTGCATAAATGCTGCATTTATGCTTCTTTTCAAAGATCTTATCAAAGTGGTTCCTTGC
 TACAATGACGGCGTCATTAACCTACTTGAAAAATTTTCGAGATGAAGAAAGGTCAATGCAAAGACGCGC
 TAGAAATTTACAAGCGATTTCTAACTAGAATGACGAGGGTGTCTGAATTCCTCAAGGTCGCCGAGCAAGT
 TGGTATTGATAAAGGTGACATTTCCGACCTCACACAGGCTCCCAGCAGTCTTATGGAGACCTTGAACAA
 CATCTAAATACCTAGAAAGGAAAGAAACCTGGAACAAATCTGGTGTCCCTCTCCACTAAGTAAGTCTT
 CTCCAGCCACAACCTGTTACATCTCCTAATTCTACACCAGCTAAAACATCGACACATCCCCGCCAGTTGA
 CATATTTGCAACAGCATCCGCGGCTGCCCAGTCAGCTCTGCTAAGCCATCAAGCGATCTCCTTGATCTT
 CAGCCCCGACTTCTCTGGAGCAGCTCGGGGGCAGCAGCACCTGTAGTGCCTCTTCTGGGGTGGCAGCCG
 CCTGGGGAGGATTTGGGGGTTCTTTTCATGGCCCTTCTACAACGCCAGTACTCCAGCTCAGAATAACCT
 GCTGCAACCCAGTTTCGAGGCAGCTTTTGAACGACGCCTTCGACTTCAAGCAGCAGCTCTTTTGACCCA
 TCAGTGTGGT
 CAATGGTCCCACCCAGTCTGCAATGGCAGCCAGCAAAGGCTCGGAAGTGACCTTGACTCGTCTCTGGC
 CAGTTTAGTAGGCAATCTTGGGATTTCTGGTACCACATCAAAAAAGGGAGATCTCCAGTGGAAATGCTGGG
 GAGAAAAAGCTGACTGGTGGAGCAACTGGCAACCGAAAGTCACTCCAGCCACATGGTCAAGCGGTGTT
 CCCCAGCAAGGCACTGTTCCACCAACCAGCTCAGTCCCTCCGGGTGCCGGGGCCCCGTCCTTGGGCAACC
 TGGAGCAGGATTTGGAATGCCTCTTCAAGGACAGGCATGACCATGATGTCTCAGCAGCCAGTCAATGTT
 GCACAGCCATGATGAGGCCACCCTTTGGAGCTGCAGCTGTGCCGGCACACAGTGCATTTTTT

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230587 representing NM_001277985
 Red=Cloning site Green=Tags(s)

MSGQTLTDRIAAQYSVTGSAVARAVCKATTHEVMGPKKKHLDYLIQATNETNVNIPQMDTLFERATNS
 SWVVVFKALVTTHHLMVHGNERFIQYLASRNTLNFNLNFDLKSQSHGYDMSTFIRRYSRYLENEKAFSYRQ
 MAFDFARVKKGADGVMRTMVPEKLLKSMPIIQGQIDALLEFDVHPNELTNGVINAAFMFLFKDLIKLFC
 YNDGVINLLEKFFEMKKGQCKDALEIYKRFLTRMTRVSEFLKVAEQVGDIDKGDIPDLTQAPSSLMETLEQ
 HLNTLEGKKPGNKSGAPSPLSKSSPATTVTSPNSTPAKTIDTSPPVDFIFATASAAAAPVSSAKPSSDLLDL
 QPDFSGAAAGAAAPVPPSSGGATAWGGFSGSFMAPSTTPVTPAQNNLLQPSFEAAFSTPSTSSSSSFD
 SVFDGLGDLLMPTMAPSGQPAPVSMVPPSPAMAASKGLGSDLSSLASLVGNLGISGTTSSKKGDLQWNAG
 EKKL TGGANWQPKVTPATWSAGVPPQGTVPPTSSVPPGAGAPSVGQPGAGFGMPPSGTGMTMMSQQPVFM
 AQPMMRPPFGAAAVPGTQLQFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

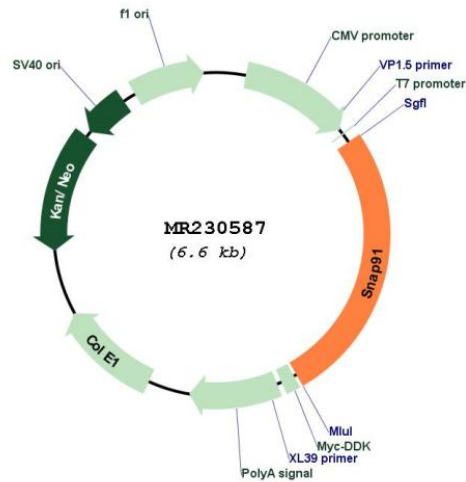
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001277985
 ORF Size: 1746 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001277985.1 , NP_001264914.1
RefSeq Size:	3386 bp
RefSeq ORF:	1749 bp
Locus ID:	20616
Cytogenetics:	9 E3.1
MW:	61.9 kDa
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]