

Product datasheet for **RN202191**

Afap1l1 (NM_001106142) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Afap1l1 (NM_001106142) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Afap1l1
Synonyms:	RGD1311580
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202191 representing NM_001106142
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCGAAGCAGGGTCTGGAACAGCTAATCCCAGAGCTCACCAGGCTCCTCAGCCTCCTGGACCATG
 AGTATCTCAGTGACAGCACCCCTGGAGAAGAAGATGGCTGTGGCCTCCCTCCTGCAGAGCCTGCAGCCCT
 CCCAGCAAAGGAAGTCTCCTTCTGTATGTGAATACTGCAGACCTGCACTCGGGACCCAGCTTTGTGGAG
 TCTCTCTTTGAAGAATTTGACTGTGACCTGGGTGACCTTCGGGATATGTCGGATGATGGGGAACGCAGCA
 AAGAAGCCAGCCCTGAGCCAATCAAGAGCCCGTCTCTGAGAAGCACAGCTGATGTGCTCCACCCTTGCC
 CAACAAGCCTCCGCTGAGGACTACTATGAAGAAGCCCTTCCCTGGGGCCCGCAAGTCTCCGAGTAT
 ATCAGCTCTCACAATGGCTGCAGCCAGCACAGTCGATTGTGGATGGCTACTACGAGGACGCAGACAGCA
 GCTACCCACGACAAGGATGAATGGAGAGTCGAAGAGCTCCTACAATGACTCTGACGCCATGAGTAGCTC
 CTATGAGTCTACGATGAGGAGGAGGAGGAAGAGAAGGGACGGCAGCCCAAGCACCAGTGGCCCTCAGAA
 GAGGCCTCTATGCACCTGGTTAGGACTGCAGGATATGCCCTTCTGCTTCGGAAAAAGCGCTTTGGGC
 AGTGGGCCAAGCAGCTGACGGTCATCAAGGAGGAGCAGCTACTGTGTACAAAAGCTCCAAGGACCGACA
 GCCACACCTGAGGCTGCCACTAGATGTCTGCACCGTCGTCTATGTGCCAAGGACAGCAGGCACAAGCGG
 CACGAGCTGCGCTTCTCCAGGGGGCCACGGAGGTGTTGGTGTGGCTCTGCAGAGCAGGGAGCAGGCTG
 AGGAGTGGCTGAAGGTTATCCGAGAGGTGAGCCGGCCCATCGGTGGAGCTGAGAGCTTGGAGGTCCCCAG
 ATCCCCAGTCATCTGTGCAAGCTGGATCAGGACAAGAGATTGTCCCAAGAGAAACAGAAGTCAAGTCC
 GACAGCCTGGGCATGAACGACAGCAGTTCCACTCTCAGCCGCCGAGAAGCCTGTGAGCATGGCAAAGGGA
 AGAAGAACAGCCTGGCTGAGCTTAAGGACTCCATGAGCAGAGCCGCCGGCCGCAAGATCACACGCATCAT
 CAGCTTCTCCAAGAAGAAGGCGCTGTCTGAGGACCTGCAGACATTTTCCAGTGAGGACGAGGCTCCATGC
 TGTGGCTACCTGAATGTGCTGGTAAACACGGCTGGAAGGAACGGTGGTGTGCGCTCAGGTGCAACACTC
 TCTATTTTCAAAAGACCGCACAGACCTGCATACCCACGTGAATGCCATTGCCCTCAGGGGCTGTGAGGT
 AGCCCCAGGCTTCGGACCCAGGCACCCCTTTGCCCTCAGGATCCTGCGCAATCGACAGGAGGTGGCCATC
 CTGGAGGCAAGCTGCTCAGAGGACATGGGCCGCTGGCTCGGGTTGCTGCTGGTGGAGATGGGCTCCAAAG
 TCACCCAGAGGCGCTGCACTATGACTACGTCGACGTGGAGACCTTAACCAGCATCGTCAGTGTGGGCG
 CAATTCCTTCTGTATGCACAGTCGTGCCAGGATCAGTGGCCCGAGCCCCGCATCTACGATGAGGTTCT
 TATGAAAAGGTGAGGATGAGGAGCCCCAGCGCCCCACCGGAGCTCAGGTGAAGCGCCATGCCTCCTCCT
 GCAGTGAGAAGTCCCATCGTGCGGACCCACAGGTCAAAGTCAAGCGCCATGCCTCCAGTGCCAATCAATA
 CAAGTACGGCAAGAACCAGGCGGAGGAGGATGCCCGAAGGTACCTGGTAGAAAAAGAGAGGCTGGAGAAA
 GAGAAGGAGACGATTTCGGACCGAAGTTCGAGGCTTTCGACAGGAGAAGAAAGAGCTGAAGGAAGCCATTC
 GGAACAACCCAGGAGCAAAGTTGAAGGCCTTGAAGAGGCCGTGGCCACTCTGGACGCTCAGTGTGCTGC
 CAAGGAAGAGCAGAGGATCGACCTGGAGCTCAAGCTGGTAGCTGTGAAGGAACGACTGCAGCAGTCCCTG
 GCTGGGGTCCGGCCCTCGGTCTGTCTGTGAGCAGCAAGAGCAAGAGCCAAGAACTACAAACAAACCCC
 AAAGCAGTGTCCAGAGCAATCGCTCCCTGTCAACTGTGTTTCTGAGATGAGAAAGAGGAGCCCATCCAT
 TGTAACTCCAACCAAGGCAGAGTGCTACAGAAGGCCAAGGAATGGGAGATGAAGAAGAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106142
Insert Size: 2304 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:	<u>NM_001106142.1, NP_001099612.1</u>
RefSeq Size:	3436 bp
RefSeq ORF:	2304 bp
Locus ID:	291565
UniProt ID:	<u>D4AB98</u>
Cytogenetics:	18q12.1
Gene Summary:	May be involved in podosome and invadosome formation.[UniProtKB/Swiss-Prot Function]