

## Product datasheet for RN209209

### Afdn (NM\_013217) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Afdn (NM_013217) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Afdn
Synonyms:	Af6; Mllt4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209209 representing NM_013217 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCGGCGGGCGGCCGCGACGAAGAGCGGGCGGAAGCTGGCCGACATCATTACCACTGGAACGCCAAC  
GGCTGGACCTGTTTCGAGATCAGCCAGCCGACCGAGGATTTGGAGTTTCATGGAGTCATGAGATTTTATTT  
TCAAGATAAAGCTGCTGGAACTTTGCAACAAAATGTATTCGGGTCTCTAGCACAGCAACCACTCAAGAT  
GTCAATTGAAACACTGGCAGAGAAGTTCCGCCCTGATATGCGCATGCTCTCCTCTCCAAGTACTCCCTCT  
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TGCAAGAGTTTCGGAGCTCAGATGGCGGCCGACTCGGGTGGAACTGAGAATCTATGCAGACAGTTT  
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TCCTTAGAGAAGTATGGTCTGGA AAAAGAGAACC CAAGGACTACTGCATTGCTCGGGTTATGCTTCCTC  
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AATCTTCAGGGAATGGCCAAGTGACAAAGGATTTTAGTCTTTCAGTTGAAGAGGAGACCACCGGACTAC  
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TTTGGCACCTCGCATGTGTTAAGTTTGTGGACCCATCCAGGACCACGTTCTTTCCAAGAGATCTGTGG



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ATGGAGGCTGATGGTCAAGGGCCCAAGACATAAACCTGGAGCCGTTCAAGAGACAACCTTTGAATTGGG  
 AGGAGATATCCACAGTGGGACAGCATTGCCGGCAAGCAGGAGCACTACTAGATTGGACAGTGACAGGGTG  
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 TGACAGTGATATGTGGATCAATCAGAGCTCCTCAGTGGAACTAGCACGCTAGCCAGGAGCACCTGAAC  
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 ACCAAGCAGCTCCCCAGTCTGCTCAGGTGGCTGCTGCAGAGAGGAAAAAGAGAGAGGAGCATCAGAGGT  
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 GGAAGAAGGGTATTACAGCCGCCTAGAAGCTGAGAGGCGCAGACAGCATGAAGAGGCAGCACGCAGGTTG  
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AGACTCGCTGTTCACTGCCAAGTTTGTTCGCGTATGATGATGATGATGAGGAGGAGAACTACGTCCCAGCA  
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 AAAAACTCAGTAGAAGCCAAGATGCAGACTTACCTGGCAGTTCTGGAGCCCCTGAAAACCTGACATTTAG  
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 GAGCTTGAAATGAACTCAACACCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_013217
- Insert Size:** 5490 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:** [NM\\_013217.2](#), [NP\\_037349.1](#)
- RefSeq Size:** 7656 bp
- RefSeq ORF:** 5490 bp
- Locus ID:** 26955
- UniProt ID:** [O35889](#)
- Cytogenetics:** 1q12
- Gene Summary:** may play a role in linking the actin cytoskeleton to the plasma membrane [RGD, Feb 2006]