

Product datasheet for **RN206615**

Afm (NM_172320) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Afm (NM_172320) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Afm
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206615 representing NM_172320
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGACACTTAAAACCTACAGTTTTATTTTTCTGTGTCTTTGACTGAATCCCTAGCCCTACCCA
 CAAAGCCTCAGGATGTAGATCATTTC AATGCTACTCAGAAATTCATAAATGAGAACGTTGCATACCTGAC
 CATCATTGCATCTGCCAGTATGTTCCAGGAAGCATCCTTTGAGGAGGTGAAATGCTGGTGAAGGTCATG
 CTGGATTACAAGGATAGGTGCTTGGCTGACAGCACACTCCGGAGTGTTCAAAGATAGCTAATGATGCTA
 TCCAGGACATGCTCTGTGATATGAAGGGGCTGCCACAGAAGCATAACTTCTCCCATTGCTGTAGGCAAGC
 CGGCTTCAAAGAAGACTCTGCTTCTTCTACAACAAGAAAGCTAATGTAGGATTTCTGCCCTTTCCCT
 ACTCTGGATCCAGAAGAGAAATGCCAAGCTTATAAAAAAACAGTGAATCTTTTCTCAACCTCTATATGT
 ATGAGGTGGCCAGAAGGAACCCCTTTCGCTTCGCCCCAGTTCTTCTGAACGTTGCCGCTAGGTTTGAGGA
 GCGCGCACACCTGTGCTGTGAACAGCAACAGAAAGCCACTACTTCAAGACAAGGCAGCCCCATCACA
 CAGTATTTAAAAGCGTTATCTTCTTATCAAAGAAATGTTTGTGGAGCCCTTTTAAAATTTGACCCAAGA
 CCTTAAACTCTATAAACATCGCCGTGTTTAGTAAGAAGTCCCCAAGATTGGATTGAAGACCTTACGTC
 CCTCTTAGAAGATGTTTCTTCCATGTATGACGGGTGCTGTGAAGGGGACGTGTCGACGTGCATCCGGAGC
 CAGAGCCAGGTTATGCACCATATTTGTTCAAACAAGACTCCATCTCAAGTAAGTCAAAGCGTGTGTG
 AGAAGAACTGCCAGAGCGCGCAGACTGCATAATCAACGCAAACAAGGATGACAGACCAGAAGACTTATC
 TCTGAGAACCCCAAATTTACCGACAGTGAAAAATGTGTGCCAAGAGCGAGATTCCGAGCAGGACAAGTTC
 TTTGCTGAGTTTCTTTATGATTACTCCAGAAGACATACTGAACTGTCTACACCAGAGCTCCTAAGAATTA
 CTAAGTGTATAAGGATCTCCTGGAAGATTGCTGCAACAGAAAAACCCGTTAAGCTGTTACCGCCATGC
 GGAGGATAAGTTCAACGAGACAACAGAGCGAAGCCTTGCGATGGTCCAGCAAGAGTGCAAACAGTTCAG
 GAATTGGGGAAGGACGCTCTACAACGCCATTTCTTGTCAAGTTCACCAAGGCAGCCCTCAACTCCCCA
 TGGAAGAAGTGGTCTCCCTTAGTAAGGAAATGGTGGCGGCTTTGGCAACCTGCTGCACTCTCAGTGACGA
 GTTCGCTGTGTGGACAACCTGGCAGATTTAGTCTTGGAGAATTATGTGGAATGAATAAGAATCGAACT
 ATCAATCCACTGTGGATCACTGCTGCAGAGCTGACTTTGCCTCAGGAGACCCTGCTTTGAGCACCTGA
 AAGCCGACACCCTATGCACTCCCATCAGTCTCTGCACTGTATCTGCTTTGCTGTCAGACTGGTGTCA
 GCCTCTCAAGGAGACCTTCAGAATAAGAGACACAGGTTTCTGGTCAACTAGTGAAGTGGATGCCAGAG
 ATCACAGATGAGGAACGCTGTGTTTGTTCACAAAGTTCACGGCTGCTGGGGAGGAGTGTGGCAACATAC
 AGAAGCCTGAGGCTGTTTCAGTCCAGAGAGTTCAAAAACCGGTGATGTGAGTCAAGATGCAGAGAAACA
 AAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172320
- Insert Size:** 1827 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_172320.1](#), [NP_758823.1](#)

RefSeq Size: 1827 bp

RefSeq ORF: 1827 bp

Locus ID: 282708

UniProt ID: [P36953](#)

Cytogenetics: 14p22

Gene Summary: secreted protein in the serum that fulfills ligand-carrier functions at late stages of development [RGD, Feb 2006]