

Product datasheet for **RN216986**

Aifm3 (NM_001013977) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aifm3 (NM_001013977) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aifm3
Synonyms:	RGD1306028
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216986 representing NM_001013977
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCGGCTGCTTCTCCAAGCCCAAGCCAGTGGAGCTCAAGATCGAAGTGGTGTGCCAGAGAAGAGC
 GGGCAAGGAAGAGCTGTCAGCCAGCGGAAAGGGCAGCCCCGGGTTACCAGGGCAATGGCACAGCACG
 TCACTTCCATGCTGAAGAGCGTCTGCCACTCCACAGCCCTACCCAGCCCTCAGGACTGTGTGGAGGCT
 ACCGTCTGCCATGTCAAGGACCTGGAGAATGGCCAGATGCGGGAAGTGGAGTTGGGCTGGGGAAAGGTGT
 TGCTGGTGAAGGATAATGGGGAATCCACGCCCTGGCCATAAGTGTCTCACTACGAGCACCCTGGT
 GAAAGGTGTGCTGCCGGGACGTGTGCGCTGCCCTGGCATGGTGCCTGCTTCAATATTGAACTGGG
 GACCTAGAGGACTCCCAGGCCCTGGACAGTCTGCATAAGTCCAGGTGAAGATTGAGAAGGAGAAGGTGA
 CCGTTCGGGAAGCAAGCAGGCCCTGCAGCTGCAGCGGAGGACAAAGGTGATGGCCAAGTGCATCTCTCC
 AAGTGTGCCACAGCAGCACCAATGTGCTCATAGTGGGCGCAGGTGCTGCTGGCCTAGTGTGCGCAGAG
 AACTGAGGCAGGAGGGCTTCTCAGACCCGATTGCTCTTGCACACTGGATCGACATCTGCCTTATGATC
 GGGCAAGCTCAGCAAGTCCCTGGATGCACAACCTGAACAGCTGGCCCTGAGACCAAGGAATCTTCCG
 GGCTATGGCATCGAGATGCTCACTGAAGCTCAGGTGGTACAGTGGACGTGAGAAATAAGAAGTTGTG
 TTCAAGGACGGCTTCAAGCTAGAGTACAGCAAGCTGCTGCTGGCACCAGGAAGTAGCCCTAAGACCTGA
 CCTGCAAAGGGAAAGACATAGAGAATGTGTTACCATCCGACGCTGAGGATGCCAACCCGCTGCTGCG
 GCTGGCCCGGGCCGAAATGCTGTTGTTGTGGGAGCAGCTTCTGGGGATGGAGTTCGCTGCTTATCTG
 ACTGAAAAGCCCACTCAGTATCTGTGGTAGAGCTGGAGGAGACGCCCTCCGCAGGTTCTGGGGGAGC
 GTGTTGGTCTGCCCTTATGAAGATGTTTGAACAACCCGGTGAAGTTCTATATGCAGACAGAGGTGTC
 AGAGCTGCGGGCTCAAGAGGGCAAGCTGCAGGAGGTGGTGTGAAGAGCAGCAAAGTTCTGCGGGCAGAC
 GTCTGCGTGGTAGGCATCGGTGCGGTGCCTGCCACAGGCTTCTGAGGCAGAGTGGCATTGGTCTGGATT
 CCCGAGGTTTCTCCAGTCAACAAGATGATGCAGACCAACATCCAGGAGTGTGCTGCGAGGTGATGC
 TGTCACTTCTCTTGCCTGGAGGAACAATCGGAAAGTGAACATCCACACTGGCAGATGGCTCATGCC
 CAGGGTGGGTAGCAGCTCAGAATGCTGGCACAGGAGGAGAGATCAACACGGTACCTTATCTGTGGA
 CTGCCATGTTCCGCAAGAGCCTGCGCTATGCTGGCTACGGAGAAGGCTTCGATGATGTCATTCAGGG
 GGATCTGGAGGAGCTGAAGTTTGTGGCTTTTATACCAAAGGTGACGAAGTATTGCTGTGGCCAGCATG
 AACTACGACCCCATCGTATCCAAGTGGCCGAGGTGCTGGCCTCAGGTGAGCCATCCGGAAGCGGGAGG
 TGGAGTTGTTATGCTGCACAGCAAGACCGGTGACATGTCTTGGCTCACAGGGAAAGGATCCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013977
- Insert Size:** 1815 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001013977.3](#), [NP_001013999.2](#)

RefSeq Size: 2314 bp

RefSeq ORF: 1815 bp

Locus ID: 303786

Cytogenetics: 11q23