

Product datasheet for **RN201409**

Aifm2 (NM_001139483) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aifm2 (NM_001139483) Rat Untagged Clone
Tag: Tag Free
Symbol: Aifm2
Synonyms: Amid; Prg3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201409 representing NM_001139483
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTCCCAGGTCTCGGTGGACACAGGAGCTGTGCACGTGGTATCGTGGGCGGGGGCTTTGGAGGGA
TAGCGGCCCGCAGTCAGCTGCAGGCTCTGAATGTCCCTTCATGCTGGTGGACATGAAGGACTCCTTCCA
CCACAATGTGGCAGCCCTCCGGGCTCCGTGGAGAGCGGGTTCGCCAAAAGACATTCATTTCTTACTCG
GTGACCTTCAAGGACAATTCCGCCAGGGCAAAGTGATTGGCATAGACTGAAGAACCAGGATGGTGCCTGC
TAGAGGGTGGTGAAGCCTTGCCCTTCTCACATCTTATTCTGGCCACAGGCAGTACTGGGCCCTTCTCTGG
CAAATTTAACGAGGTGTCTGCCAACAGGCAGCCATCCAGGCCTATGAGGACATGGTGAAGCAGATCCAG
CGCTCGCAGTTTCATCGTGGTGGTGGGAGGCGGCTCTGCAGGAGTTGAGATGGCCGAGAGATTAACCCG
AGTACCCTGAGAAGGAGGTCACTCTTATCCACTCCAGAGTACCCCTGGCGGACAAGGAGCTCCTGCCTTG
TGTGCGACAGGAAGTGAAGGAGATCCTCCTCCGAAAGGGTGTGCAGCTGCTGCTGAGTGAAGCGGGTGA
AACCTGGAGGAAGTGCCTCGCAATGAGTATCGGGAGTACATCAAGGTGAAACGGACAAGGGCACAGAGG
TGGCCACCAACATGGTGATTGTGTGCAATGGGATCAAGATTAACAGCTCTGCCTACCGCAGTGCCTTTGA
GAGTAGGCTGGCCAGCAACGGGGCTCTGAAAGTGAACGAGTTCCCTCCAGGTGGAAGGTTACAGCAACATT
TACGCCATTGGCGACTGTGCTGACATCAAGGAGCCCAAGATGGCCTATCACGCTGGCCTGCATGCCAACA
TTGCTGTGGCCAACATTGTCAACTCCATGAAGCAGAGGCCCTCAAAGCCTACAAGCCAGGTGCGCTGAC
ATTCTCTGTCCATGGGCAGAAACGATGGCGTGGGCCAGATCAGTGGCTTCTATGTAGGCCGCTCATG
GTGCGGCTGGCCAAGAGCAGGGACCTTCTCATCTCCACAAGCTGGAAAACCATGCGGCAATCTCCACCAT
GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001139483
Insert Size:	1122 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:	<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:	<u>NM_001139483.1, NP_001132955.1</u>
RefSeq Size:	3422 bp
RefSeq ORF:	1122 bp
Locus ID:	361843
Cytogenetics:	20q11