

## Product datasheet for RN204799

### Aff1 (NM\_001107206) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Aff1 (NM_001107206) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aff1
Synonyms:	Mllt2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204799 representing NM_001107206 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAACATAAAATTCGCCCTGGAGAGAGAGGGAAATTTGCCTGCTTGTACAATGAAGACAGAAACCTGC  
TTCGAATCAGAGAGAAGGAAAGGCGCAACCAAGAGGCCACCAGGAGAAAGAGGCGTTTCTGAGAAGGC  
TCCACTGTTTGCAGAGCCCTACAAGACCGCAAAGGCGATGAGCTGTCGAGTCGCATACAGACCATGCTA  
GGTGACTATGAAGAGATGAAGGAGTTCTAAGCAGCAAGTCCCACCTCACCGCTGGACGGCTCTGAGG  
ACAGGCCGGGAAGCCCAGATACCCCTCGTGTACGACCGGGGAGCGGTGCATCCGGCTCTTCCGCAC  
ACATGTCTACCACAGCCTACCCACACTTCTGCTCCCGGATCACTTTCTGTGAGCAACGTGAGCCAAAGT  
CCAAAGATGGCACAGCCCAGGATGGAGCCGGTGCCAAGTCTCCATGCCAAAATCTACGGAGCGCCCGATG  
GCCCCCGTCCGGCTCAAGATCGCCTCAGTCAGGGGCAATTGTTCCAGAAAGTGTGACCGAAGAGCCGAGGG  
AGACTCGGAGAGGAAGCTCTCGCCCTTCATCTCCTCCTTGCCGTCCCCGTGCCCCACTCTCACCTGCA  
CATTCCAGGCCGAGGCAACCAGCAAGGCTCACGGCAGCGGAAGTGGCACTCAGAGCTGCTATGCCTCCA  
AGCCTTCCAAGGACCCGGTGGTGACGGCCCAAGAGAAGGAGACTCCTCTCGACAGTCTGGTGGCAGTTAC  
CAGCCTGGAGCAGCCCCCTCTCAGCCACCTTGCCAAACATTTCCACCACCTCCCCTCCCCTCAAAAAGC  
ATCGCAATGCAGCAGAAGCCCACAGCGTACGTCCTCCATGGACGGTCAGGACAGGCTCCTAGCCGAT  
CCCTGAGCTGAAGCCCGCTGGAGGACTTTGGTCAGCAAAGCTTTGAGAAACCGGACCTTAAAGTGCC  
TGCCAAAGCCAAGCTCACTAGACTAAGGATGCCCTCGCAGACGGTAGAGCAGCCGTAAGTCAATGAAGTC  
CACTGTGTTGAAGAGATTCTGAAGGAAATGACCCACTCGTGGCCGTCTCCTCTGACTGCCATACACACAC  
CCAGTACAGCCGAGCCGTCCAGATTTCTTTCCCTACAAAGGATCCTCTGCACATCAGTTCTGCAACCCA  
AAGCCAAAACAATACGATGCACCTTCAAAAACCCACCCCAACCCCAAGGAACATCCATGCTCGAG  
GATGACCTGCAGCTCAGTGACAGTGAGGAAAGCGACGTGGAGCAAGCCGTGGAGAAGCCTCCGTCCCCAC  
CTGCACCTCCAAGTGCTCCGAGACGATTTCCGAGCCCGTGGCCCTCAGCACATTCAGTAGTGCAGAGTC  
AGAGAGCAGCGAGTCAGACAGTTCTCCGACTCTGAGAGCGAGAGCAGCTCCAGCGACAGTGAGGAGAAC



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GAGCCCCTGAAACACAGGCTCCCGAGCCTGAGCCTCCGACAACAACAATGGCAGCTGGACAACCTGGT  
 TGACCAAAGTCAACCAACCATCAGTGCCCTAGAGAGCCGGGGAGCACAGAGTCTCCACGATGTCGCCA  
 GGAAAGTAAAGGTGGTGGTGAGGGCAGCAGTGACCAGCAGCATCTGATTCCAAAGACCCCTCCCCTGAAG  
 AGTTCCAGCAAAGCTCTCCGGGGTCCCTCTGAGGGGCCGAGCCTGGGAAGAGGAACTGTCCGAAGTCCC  
 CTGCTCAACAGGAAACCCCCACCTCGGCAACTGTGGGCAGTAAACAACCCAGAAAACCCACCAAGGG  
 CTCCACCCAGGCAGAGCAGCCCCAGGCCAGCTCTCGAGTGGAGGGCGAAGCAGGACCCCGTAGCCTATGCC  
 TCAAAGGAGCAGACATCCAAAGACAACCCAAGGTGAAGACGAAAGGCAGGCCCGTGTGTGGCAGTC  
 GGGAGCCCAAATCTGAGGTCCCGTACCTGTGCCTCAGGCAGCTGTGCCAAGCCGAGCCACCTGCGCC  
 CACCCCATCGAGAAGAGGAAACATAAGAGTTCACAGCCCCCTCCAAGCACTCTCAGGCCCTCAGCCA  
 ACCAAGGACAGTGTGGGGACAGGAACAGGAGCACCTGCCCTTGTCTCCTTGAAGTCTCAGAGCCAGGGTC  
 AACCCAACAGCGGCAGGGCAGCGGTGGTGGCAGGACTAGTGGTTGCCGGCAGGCCGTGATCACCCAGGA  
 GGACAGCTGTAGAGACAAGCTCCTGTTGCCTTTGAGAGACACCAAAGTCTCTCGCCGCTCAGGGACTCT  
 CCACCACCGACAAGCTTGGTGGTGAAGATAACCTTAGACCTTCTCACGAGGGTCCCGAGCCACCGGGGA  
 AGGGGGCCGCCAGGAAGTCAAGCACAAGCAGCTGCCAGCAGGAAGAAGCAGGACTGGAGGCAAG  
 GGGCTGTGACAGTTCAGCCGAGTCAACAAGAAGAGAAAGGCTGAACCGGAGAAAGAGCACAGTCAACAAG  
 AGGCTCCGACTGGATAAGTCGCAGACGCTCTATCCTCGTCTTCCACGCAGAGTCTTCCAAGTCAAGA  
 CACCCAGGCCCTCCTCAGAGTGCTCAAGAAAGGAAATGCTTCTCCTCCGCCGGTGGTGCCTCATCCTC  
 GTCGTCTTCTCGTCTTCCAGAAAGCAAGCAACCTGCACACAAGAGGCCAGGCCAGATGCAGACATC  
 GGTAGCCAGGACCTCCAGAAAGTCTGGCAGCACGAAGAGCAGCTGTACAGACTCTTCAAGTCCGAAGC  
 ACAGAAAAGTACAGGCCCGGGACTCTGAACACAAGGATCTTCTGGAGATGCTGCGAATCCTTTCCAGT  
 GCCTTCTTTGCCAAATGGTAACTCTAAGCCAGGAAAGCCACAGGTGAAATCTGACAGACAACAAGCTGAC  
 TTTACATGAAGGAGGCTAAAAAGCTGAAGTGAAGGCCGAGGCAATGGTGGACAAGGCTGGAAAAGCCT  
 TCAAGTATTTGGAAGCCGCTCTGTCTTTTATTGAGTGTGGAATGGCCACCGAGTCAGAGATTCAGCGAA  
 GTCAGCGTACACCGTGTACTCAGAAACCGTAGACCTCATTAAAGTTCGTGATGTCGCTTAAATCCTTCTCA  
 GATAACACAGTGCCAGCACAAGAGAAGATATTTGCTGTCTTATGCTTGCCTTGCAGTCCCTTTTGAACA  
 TGGCGATGTTCCGATGTAAAAAGGACACGGTGTGAAGTATTCCTGACCTTAGCGAGCACTTCAGGAG  
 TACCTCCAAAGTGGCCAGGCACCTTCTCCATGCGTGGCAAGGCAAGTTCACAGGCGTTCCTGCCCCGT  
 CTCCCAATGCCTTCTCCTGCCAGCTCTGCTGGATCCCAGACGAGTGTGGCAGCAGTATGGGGCCATG  
 GGGGCGACGGCCACCGTCAGCACCCCGGTACCATCCAGAACATGACCTCCTTATGTCACCATCAT  
 CCCATGTCCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_001107206

**Insert Size:**

3513 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\_001107206.1, NP\_001100676.1

**RefSeq Size:** 4660 bp

**RefSeq ORF:** 3513 bp

**Locus ID:** 305152

**Cytogenetics:** 14p22