

Product datasheet for **MC229488**

Aff3 (NM_001290814) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aff3 (NM_001290814) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aff3
Synonyms: 3222402O04Rik; A730046J16; LAF-4; Laf4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229488 representing NM_001290814
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGACAGCTTCGACTTAGCCCTGCTCCAGGAATGGGACCTCGAGTCGCTGTGTGTCTATGAACCGGACA
 GGAATGCGTTACGGAGGAAAGAGCGAGAAAGAAGAAGTCAAGAAACACAGCAGGACAGTGGCAGCTTTAA
 CTCGGTTACTCGCTCTTCAGCGAACCTACAAGACGAACAAGGGGGATGAACTCTCCAACCGGATCCAG
 AATACATTAGGAAATTATGATGAGATGAAAGACTTTTTAACTGATAGATCCAACAGAGTCACTTGTGG
 GCGTCCCCAAGCCAGGTGTCCTCAGACTCCCCTGAACAAGATAGATGAGCATTGTTGGGGCAGAGTCGAG
 AGCCAGCCCCAGCCCTCAACCGTCTGCAGCACTGCGTCTCTACACCTGCAGCTGTCCCTGTGCAGCAG
 GGCAAGAGAGGTGCCATGGGCTGGCAGAAAGGCTGGGCACCCACCGTCCGATGGCCAAACAGAGAGCAGCGC
 AACAGGGCTCTCTCAGGACCTTGCTTGGAGATGGTGTGGCAGACAGCAGACAAGGGCCAAGCAAGTGTG
 CAATATGGAGACGGGGCTTCAGACCCAGGAGAGGCCACCTGCAATGGCAGCCAAGCACGGCGCAGTGGA
 CACTGTGTTCAGAACTTCCCCCATCCCTGGCTTCAAACCCAGCCTGGTGCAGCAGAAACCAACTGCCT
 ACGTGGCGCCAATGGATGGCCAGGACCAAGCTCCTGACGAATCTCCTAAGCTGAAGTCATCCACAGAAAC
 TGCTGTGCACTGCACAGCCTACAGAGGGTCCCGGCAACAACCAAGTCAAGCTCAGCCGAGCCAAGGCAAG
 CTTGCCAAGTTCAGCATCCCCAAGCAGGAGAGGAGAGTATGATCTGGAGAAAAACAACAGCTGTGTGGAAG
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 CAAGTTCCCATCCCAAATAAGGACTCGCAACTTGTATCTCTGGACACAGTAATCCAAAGAAAGCTGAT
 GCGGAGCCAGGGAGTCCAGACAATGGCGCATCGAACACTTCAACTCTGGAAGACGACCTTAAGCTAAGCA
 GTGATGACGAAGAGGGTGAAGCAGCAGCCAGGACAGTCTCCGCGCTTAGCTGACAGCTCCGT
 GGTTCAGCAGACCAACTGTAGAGTTCCGGCCATCCAGCAAGGGCGGCGCAGCAGCAGCAGCAGCGGC
 GGCAGCAGCTCCTCAGCGACTCAGAGAGCACTCCGGCTCCGACTCCGAGACGGAGAGCAGCTCCAGCT
 CCAGCGAGAGCGAGGGCAGCAAGCTCCGCACTGCTCCAGCCCCGAGGCCGAACCTGCGTCTCTAACAA
 GTGGCAGCTGGATAAATGGCTAAACAAAGTAACTCCTCACAAGCCGCAATTCTGATCCAAAATGAAAGC
 CACGGCCCCGAAAGGAATCAATACTACACGCCCGCGTGAAGATGAAGGGCAAGACTGCGGGAAACTTC



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CTGAGATCTGCCAAGCCAGCCTGAGGGACAAGGAGCTCAAGACCCTGCAAGGAGGAGCAGAGGCCGAG
 GACCGCAAACAAGGCCCTGGCAGCAAAAGTGTAAAGCAGAAGTCCCCACCCGCTGCTGTGGCTGTGACC
 GCAGCTGCCCTCCCGCCCGCGGTGCCAGCGCACCCACGGAGAGCGCGCTGCGCCACCCGAGGTCAG
 CAGGCAAGAAGCCACCCGGCGCACCGAGAGGACCTCAGCCGGGGACGGTGCCAACTGCCACCGGCTGA
 GGAGCCAGTGGCCCCAGACAGCTGGGGGCGAGCGTGGTGGGACCCTAGAGCCCCCAAACCAGACCC
 TGCCGTAACAACAGGACAGGCCACCGCAAGGAGTGCCTCCTCGTGACCTGTGAGAAGCGGCGCACGA
 GGGGGTGAGCAGAATCGTCCCCAAATCCAAGGAGTTTATTGAAACAGAATCTTCGCTCTTCCTCTCCTC
 CTCGGACTCAGACCTGGAGTCAGAGCAAGAGGAGTACGTCTGTCCAAGGCTCCGACCACCACTGGGAGC
 GAGCAGCGGCTGAAGGAGGCCCGCAGCAGCAACAACAACAGCAACAGCAACAGCAGCACCTCCCGGGCTT
 CTGTGGGCTCCATCAACGCCAGGACCACAGTGACATTGCCAAGGAGCTAGAGGAACAGTTCTACACGCT
 GGTCCCCTTTGGCAGGAATGAACTACTATCTCCGCTAAAGGACAGCGATGAGGTCAGGTCTCTCTGGGTC
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 CTTCCGCCAAGGACACTGATAGTCCCCAGCCAGTCATGCATTAGACGCTCCTGTGAAAAGACTTTGCC
 AAAATCCAAGAGGAAACGCAAGTGCACAAACGAAGATGACTACAGGGAGATAAAGAAGGTCCAGGGAAGG
 AAGGAGAGTGCCTCAGCCTCGCCGCTCCACTAATAACACCTTGTCCGCAATCACTGCAATGTGAACG
 TCAACAGCTTGGCAATACCAATAAACAAAAATGAAAAGATGCTCCGGTCCGCCACTTCGCCACTCTCAGA
 CACATGTAACACAAATACGCCAGCGAGGACCTGACTTCTCCAGCCGACCTCACGGCAACGGGTTGTTG
 ACTTCAGCGTCTTCCAACAAAGAGCCAAAGGCTGAGAGTCAGCTGCAGACGATTGCTGGGACCTCACGA
 AGGCATCTCACAACAGTTCTGAAAATGGCACCCCTCCATAGCAAGTCACGGCCCCAGACGGAGCCATGGTC
 TCCAGGTTCCAATGGCCACAGGGACTGCAAGAGACAGAACTGATCTTCGATGACATGCCTCGAAGTGCA
 GATTATTTTATGCGAGAAGCCAAGCGGATGAAACATAAAGCAGACGCCATGGTGGAGAAGTTCGGGAAGG
 CCCTGAACTATGCCGAAGCTGCCTTGTCTTTCATCGAGTGCAGGAAACGCAATGGAACAAGGGCAATGGA
 ATCCAAGTCTCCCTACACCATGTACTCGGAGACAGTGGAGCTCATCAGGTATGCTATGAGACTAAAAAC
 CACTCAGGCCCAATGCCACACCAGAGGACAAACAGTTAGCTGCGCTTTGTTACCGATGCCTGGCTCTCC
 TATACTGGCGGATGTTTTGACTCAAAAGAGACCATGCTGTAAAATATTCAAAAGCACTTATCGACTATTT
 CAAGAATTCATCGAAAGCTGCCAAGCCCCATCCCATGGGGTCCAGTGGCAAGAGCACTGGAAGCCCA
 TCCCCATGTCTCCAACCTTCTCCCGCAGCTCCGTGGGGTCTCAGGGCAGCCTCTCCAGCTCCAGCG
 GCCTGTCCCCATCGACCATCGTCAGCATCCCCAGCGATTACCAGATGGCGGCAATCACGTACGAT
 CACCAACAGCATCTCCACAGCTATGACTACTGGGAGATGGCTGATAACCTGGCAAGGAAAACAGAGAG
 TTCTTCAATGACCTGGATTTGCTCATGGGACCTGTCACCCTGCACAGCAGCATGGAACACCTGGTCCAGT
 ACTCCAGCAAGGCTGCATTGGCTTCGGAGCAGCGTACACCTGTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001290814
- Insert Size:** 3690 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_001290814.1](#), [NP_001277743.1](#)

RefSeq Size: 7251 bp

RefSeq ORF: 3690 bp

Locus ID: 16764

Cytogenetics: 1 16.58 cM