

Product datasheet for **MR208908**

Aff3 (BC052061) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aff3 (BC052061) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aff3
Synonyms:	3222402O04Rik; A730046J16; LAF-4; Laf4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208908 representing BC052061
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACAGCTTCGACTTAGCCCTGCTCCAGGAATGGGACCTCGAGTCGCTGTGGGTGAAGATATCCTAA
 GCCAGAGGAATGATTCTCTAGTTCTGGAAGTTCAGGCATCAGCCAGCAGATGCAGGAGTGTCTATGAACC
 GGACAGGAATGCGTTACGGAGGAAAGAGCGAGAAAGAAGAAGTCAAGAAACACAGCAGGACAGTGGCAGC
 TTTAACTCCGTTACTCGCTCTTCAGCGAACCTACAAGACGAACAAGGGGGATGAACTCTCCAACCGGA
 TCCAGAATACATTAGGAAATTATGATGAGATGAAAGACTTTTTAACTGATAGATCCAACAGAGTATCT
 TGTTGGCGTCCCCAAGCCAGGTGTCCCTCAGACTCCCCTGAACAAGATAGATGAGCATTTTGGGGCAGAG
 TCGAGAGCCAGCCAGCCCTCAACCGTCTGCAGCACTGCGTCTCTACACCTGCAGCTGTCCCTGTGC
 AGCAGGGCAAGAGAGGTGCCATGGGCTGGCAGAAGGCTGGCACCCACCGTCCGATGGCCACAGAGAGC
 AGCGCAACAGGGCTCTCTCAGGACCTTGCTTGGAGATGGTGTGGCAGACAGCAGACAAGGGCCAAGCAA
 GTGTGCAATATGGAGACGGGGTTCAGACCCAGGAGAGGCCACCTGCAATGGCAGCCAAGCACGGCGGCA
 GTGGACACTGTGTTCAGAACTTTCCCCATCCCTGGCTTCAAAACCCAGCCTGGTGCAGCAGAAACCAAC
 TGCTACGTGCGGCAATGGATGGCCAGGACCAAGCTCCTGACGAATCTCCTAAGCTGAAGTATCCACA
 GAAACTGCTGTGACTGCACAGCCTACAGAGGGTCCCAGCAACAAACAGAGTCAAGCCGAGCCAAAGG
 CCAAGCTTGCCAAAGTTCAGCATCCCCAAGCAGGAGAGGAGAGTATCTGGAGAAAACAACAGCTGTGT
 GGAAGAAATAATCGGGAGATGACCTGGCTTCTCCACTTCTGCTATTCAAGCTCCTGCCAAAGTGAA
 CCAAGCAAGTCCCATTCCAAAATAAGGACTCGCAACTGTATCCTCTGGACACAGTAATCCAAAGAAAG
 CTGATGCGGAGCCAGGGAGTCCAGACAATGGCGCATCGAACACTCAACTCTGGAAGACGACCTTAAGT
 AAGCAGTGATGACGAAGAGGGTGGCAGGAGCCAGAGAACAGCTCTCCGCGCTTAGCTGACAGCTCC
 GTGGTTCAGCAGACCAACTGTAGAGGTTGCGCGCCATCCAGCAAGGGCGGCGCAGCAGCAGCAGCAGCG
 GCGGCAGCAGCTCCTCCAGCAGCTCAGAGAGCACTTCCGGCTCCGACTCCGAGACGGAGAGCAGCTCCAG
 CTCCAGCGAGAGCGAGGGCAGCAAGCCTCCGCACTGCTCCAGCCCGAGGCGCAACTGCGTCTCTAAC
 AAGTGGCAGCTGGATAAATGGCTAAACAAAGTTAATCCTCACAAGCCGCAATTCTGATCCAAAATGAAA
 GCCACGGCCCGAAAGGAATCAATACTACACGCCCGGTTGAAAGATGAAGGGCAAGACTGCGGGAAACT
 TCCTGAGATCTGCAAGCCAGCCTGAGGGACAAGGAGCTCAAGACCACCTGCAAGGAGGAGCAGAGGCCG
 AGGACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208908 representing BC052061
 Red=Cloning site Green=Tags(s)

MDSFDLALLQEWDLESLWGEDILSQRNDSLVLVQASASRCSRVSVEPDRNALRRKERERRSQETQQDSGS
 FNSGYSLFSEPYKTNKGDEL SNRIQNTLGNDEMDFL TDRSNQSHLVGVKPGVPQTPVNKIDEHFGAE
 SRAQPQPSTVCSTASSTPAAPVPVQGGKRGAMGWQKAGHPPSDGQQRAAQQGSLRLLGDGVGRQQTRAKQ
 VCNMETGLQTQERPPAMAANKHGGSGHCVQNFPPSLASKPSLVQQKPTAYVRPMDGQDQAPDESPKLSST
 ETAVHCTAYRGPANKPESARAKAKLAKFSIPKQAEESRSGENNSCVVEE IIREMTWLPPLSAIQAPAKVE
 PSKFPFPNKDSQLVSSGHSNPKKADAEPGSPDNGASNTSTLEDDLKLSDDDEEGEQAAQRTALRALADSS
 VVQQTNCRGSAPSCKGGSSSSSSGSSSSSDSESTSGSDSETESSSSSESESGSKPPHCSSPEAEPASSN
 KWQLDKWLNKVNPHKPPILIQNESHGPERNQYYTPPVKDEGQDCGKLEICQASLRDKELKTTCKEEQRP
 RT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

ACCN: BC052061

ORF Size: 1686 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

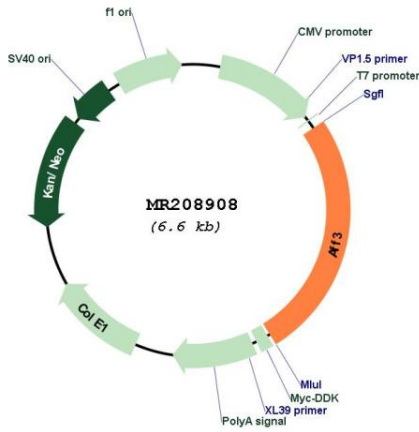
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: BC052061
 RefSeq Size: 3347 bp
 RefSeq ORF: 1688 bp
 Locus ID: 16764
 Cytogenetics: 1 16.58 cM
 MW: 122.7 kDa

Product images:



Circular map for MR208908