

Product datasheet for MR231699

Aff3 (NM_001290814) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aff3 (NM_001290814) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aff3
Synonyms:	3222402O04Rik; A730046J16; LAF-4; Laf4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR231699 representing NM_001290814 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACAGCTTCGACTTAGCCCTGCTCCAGGAATGGGACCTCGAGTCGCTGTGTGTCTATGAACCGGACA
GGAATGCGTTACGGAGGAAAGAGCGAGAAAGAAGAAGTCAAGAAACACAGCAGGACAGTGGCAGCTTTAA
CTCCGGTTACTCGCTCTCAGCGAACCTACAAGACGAACAAGGGGGATGAACTCTCCAACCGGATCCAG
AATACATTAGGAAATTATGATGAGATGAAAGACTTTTTAACTGATAGATCCAACCCAGAGTCACTTGTGG
CGTCCCCAAGCCAGGTGTCCTCAGACTCCCCTGAACAAGATAGATGAGCATTGTTGGGGCAGAGTCGAG
AGCCCAGCCCCAGCCCTCAACCGTCTGCAGCACTGCGTCTCTACACCTGCAGCTGTCCCTGTGCAGCAG
GGCAAGAGAGGTGCCATGGGCTGGCAGAAAGGCTGGGCACCCACCGTCCGATGGCCAACAGAGAGCAGCGC
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CACGGCCCCGAAAGGAATCAATACTACACGCCCGCGTGAAGATGAAGGGCAAGACTGCGGGAACTTC



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CTGAGATCTGCCAAGCCAGCCTGAGGGACAAGGAGCTCAAGACCACCTGCAAGGAGGAGCAGAGGCCGAG
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ATCCAAGTCTCCCTACCCATGTACTCGGAGACAGTGGAGCTCATCAGGTATGCTATGAGACTAAAAACC
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CACCAACAGCATCTCCACAGCTATGACTACTGGGAGATGGCTGATAACCTGGCCAAGGAAAACAGAGAG
TTCTTCAATGACCTGGATTTGCTCATGGGACCTGTACCCTGCACAGCAGCATGGAACACCTGGTCCAGT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >MR231699 representing NM_001290814
 Red=Cloning site Green=Tags(s)

MDSFDLALLQEWDLESLCVYEPDRNALRRKERERRRSQETQQDSGSFNSGYSLFSEPYKTNKGDELSNRIQ
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 GKRGAMGWQKAGHPPSDGQQRAAQQGSLRLLGDGVGRQQTRAKQVCNMETGLQTQERPPAMAACHGGSG
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 KIDLTLLSRIPEHLSQEPGVL SAPSAKDTDSAPASHALDAPA EKTLPKSKRKRKCDNEDDYREIKKVQGR
 KESASRLAASTNNTLSGNHCNVNNSLAIPINKNEKMLRSPSPLSDTCKHKYASEDLTSSSRPHGNLL
 TSASSNKEPKAESQLQTIAGDLTKASHNSENGLHHSRPPQTEPWSGNSGHRDCKRQKLIFFDDMPRSA
 DYFMREAKRMKHKADAMVEKFGKALNYAEAAALSFIECGNAMEQGPMEKSPYTMYSVELIRYAMRLKT
 HSGPNATPEDKQLAALCYRCLALLYWRMFLKRDHAVKYSKALIDYFKNSSKAAQAPSPWGSSGKSTGSP
 SPMSPNPSPASSVGSQGSLSSSSGLSPSTIVSIPQRIHQMAANHVSITNSILHSYDYWEMADNLAKENRE
 FFNDL DLLMGPVTLHSSMEHLVQYSQQGLHWRSSVHLS

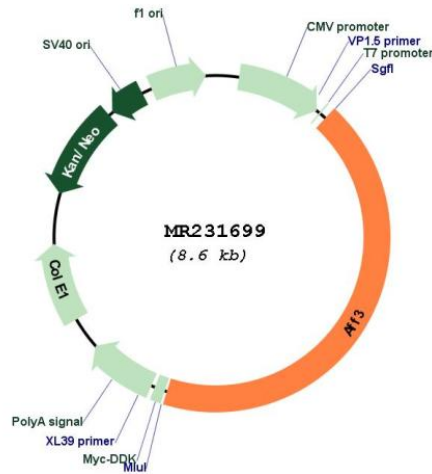
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001290814

ORF Size: 3687 bp

OTI Disclaimer: 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: [NM_001290814.1](#), [NP_001277743.1](#)

RefSeq Size: 7251 bp

RefSeq ORF: 3690 bp

Locus ID: 16764

Cytogenetics: 1 16.58 cM

MW: 133.8 kDa