

Product datasheet for MC224122

Aff2 (NM_008032) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aff2 (NM_008032) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aff2
Synonyms:	Fmr2; FMR2P; Ox19; Oxh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224122 representing NM_008032 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATCTATTCGACTTTTTTCAGGGATTGGGACTTGGAGCAGCAGTGTCACTATGAACAAGACCGTAGTG
CACTTAAAAAAGGGAATGGGAACGAAGGAATCAAGAAGTTCAGCAAGAAGAAGATCTCTTTTCTTCAGG
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GTCCAGAACACTCTTGAAGTTATGATGAAATGAAGGATCTGCTATCTAACCATTCAGTCAGAATCATC
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 CCACCAGAAGCCGAAACAAAGCTACTGCCACAACCAAGTGCCTAGGAAAGACCAAGGCCTCATGTCC
 CTCTGGCCACTGAGAAGAAGAAGTATAGAGGGCCTGGGAAGATTGTCCCAAGTCCCGGGAATTTATTGA
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 AGCGTCAAACCTGCTGCCACAGCTGTGAAAAACCAGCCCTAAGGGCAAACGTAAGCACAAGCCAGCAGA
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 TCCTGCCATTGTCACTGCCACTGTCACAGCTACTGCCACCACCACTGCTACAGCCACTACCACAACCACT
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 AATGGCCCTGTCACAATCCCAGCGCATCCACCATATGGCTGCTAGCCATGTGAATATTACCAGTAATG
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 TCTGGATACACTGATGGGCCTCTGACCCAGCACAGCAGCATGACCAATCTTGTCCGCTATGTTCCGCGAG
 GGACTGTGTTGGCTACGCATCGATGCTCATTGTTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_008032
- Insert Size:** 3819 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_008032.3](#), [NP_032058.2](#)

RefSeq Size: 4486 bp

RefSeq ORF: 3819 bp

Locus ID: 14266

UniProt ID: [O55112](#)

Cytogenetics: X A7.1-A7.2

Gene Summary: RNA-binding protein. Might be involved in alternative splicing regulation through an interaction with G-quartet RNA structure.[UniProtKB/Swiss-Prot Function]