

Product datasheet for **MC216946**

Anxa11 (NM_013469) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa11 (NM_013469) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anxa11
Synonyms:	A830099O17Rik; Anx11
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216946 representing NM_013469
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTACCCAGGCTACCTCCACCTGCCGGTGGCTACCCTCCAGCTGCACCAGGTGGTGGTCCCTGGG
 GAGGTGCTGGCTACCCTCCTCCCAGCATGCCCCCTATCGGGCTGGATAAGGTAGCCAACATGCGGGGCA
 GTTCAACCAGGACTACCTCTCAGGCATGGCAGCCAACATGTCTGGAACATTTGGAGGAGCCAACGTGCCA
 AATCTGTATCCTGGGGCTCCTGGGGTGGCTATCCTCCAGTCCCTCCTGGTGGCTTTGGGAGCCCCCTC
 CTGCCAGCAGCCTGTCCCTCCTATGGAATGTATCCGCCCCAGGAGGAAACCCACCTCCTGGGATGCC
 TTCATATCCAGCCTACCCAGGGGCCCTGTGCCAGGCCAGCCTATGCCACCCACTGGGCAGCAGCCCCCA
 GGGGCTATCCTGGGCAGCCTCCAATGACCTATCCTGGGCAGTACCAATGCCACCCCTGGGCAGCAGC
 CAGTGCCAAGTTACCCAGGATACTCGGGATCTAGTACCATCACCCCTGCTGTGCCACCAGCCAGTTTGG
 AAACCGAGGTACCATCACTGCTGCTTCTGGATTTGACCCCTTGGCAGATGCCGAGGTCTGCGCAAGGCT
 ATGAAGGGCTTTGGAACGGATGAGCAGGCCATCATCGACTGCCTGGGGAGCCGGTCCAACAAGCAGCGTC
 AGCAGATCCTCCTATCCTTCAAGACGGCCTATGGCAAGGATTTGATCAAAGACCTAAAATCAGAAGTGT
 GGGAAACTTTGAGAAGACTATCCTGGCCCTGATGAAGACCCCGGTCTGTTTGTGTCTATGAGATAAAG
 GAAGCTATCAAGGGGGCTGGTACTGATGAGGCCTGCCTGATTGAGATCTTCGCTTCCAGAAGTAACGAAC
 ACATCCGGGAGCTAAGCAGGGCCTACAAAACAGAGTTCAAAAAACTCTGGAGGAGGCCATTGGAAGCGA
 CACATCAGGACACTTCCAGCGGCTCCTCATCTCTCTCAGGGAAACCGTGATGAGAGCACAATGTG
 GACATGTCCCTTGTCCAGAGAGATGTCCAGGAGCTGTATGCAGCTGGGGAGAACCCTGGGAACAGACG
 AGTCCAAGTTCAACGCCATCCTGTGCTCCCGAGCCGGGCCACCTGGTGGCAGTTTTCAACGAGTATCA
 GAGGATGACGGGCGGAGACATTGAGAAGAGCATCTGCCGGGAGATGTCTGGGGACCTGGAGCAGGGCATG
 CTGGCTGTGGTGAATGCCTCAAGAACACCCCGCCTTCTTTGCTGAAAGGCTCAACAAGGCTATGAGGG
 GAGCAGGAACAAAGGACCGGACCCTGATTCGCATCATGGTGTCTCGCAGCGAGCTTGACCTGCTGGATAT
 CCGAGCAGAGTATAAGCGGATGTACGGCAAGTCACTGTACCACGATATCACGGGAGATACTTCTGGAGAC
 TATCGAAAGATTCTACTGAAGATCTGTGGTGGCAACGAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_013469

Insert Size: 1512 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](#)

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:	<ol style="list-style-type: none">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:	<u>NM_013469.2</u> , <u>NP_038497.2</u>
RefSeq Size:	2413 bp
RefSeq ORF:	1512 bp
Locus ID:	11744
UniProt ID:	<u>P97384</u>
Cytogenetics:	14 15.06 cM
Gene Summary:	Required for midbody formation and completion of the terminal phase of cytokinesis (By similarity). Binds specifically to calcyclin in a calcium-dependent manner.[UniProtKB/Swiss-Prot Function]