

Product datasheet for **MG225524**

Anxa11 (NM_013469) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa11 (NM_013469) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Anxa11
Synonyms:	A830099O17Rik; Anx11
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MG225524 representing NM_013469
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTACCCAGGCTACCTCCACCTGCCGGTGGCTACCTCCAGCTGCACCAGGTGGTGGTCCCTGGG
 GAGGTGCTGGCTACCCTCCTCCCAGCATGCCCCCTATCGGGCTGGATAACGTAGCCAACATGCGGGGCA
 GTTCAACCAGGACTACCTCTCAGGCATGGCAGCCAACATGTCTGGAACATTTGGAGGAGCCAACGTGCCA
 AATCTGTATCCTGGGGCTCCTGGGGGTGGCTATCCTCCAGTCCCTCCTGGTGGCTTTGGGAGCCCTC
 CTGCCAGCAGCCTGTCCCTCCTATGGAATGTATCCGCCCCAGGAGGAAACCCACCTCCTGGGATGCC
 TTCATATCCAGCCTACCCAGGGGCCCTGTGCCAGGCCAGCCTATGCCACCCACTGGGCAGCAGCCCCCA
 GGGGCCTATCCTGGGCAGCCTCAATGACCTATCCTGGGCAGTACCAATGCCACCCCTGGGCAGCAGC
 CAGTGCCAAGTTACCCAGGATACTCGGGATCTAGTACCATCACCCCTGCTGTGCCACCAGCCAGTTTGG
 AAACCGAGGTACCATCACTGCTCTTCTGGATTTGACCCCTTGGGAGATGCCGAGTCTGCGCAAGGCT
 ATGAAGGGCTTTGGAACGGATGAGCAGGCCATCATCGACTGCCTGGGGAGCCGGTCCAACAAGCAGCGTC
 AGCAGATCCTCTATCCTTCAAGACGGCCTATGGCAAGGATTTGATCAAAGACCTAAAATCAGAAGTGT
 GGGAACTTTGAGAAGACTATCCTGGCCCTGATGAAGACCCCGGTCTGTTTGTATGTCTATGAGATAAAG
 GAAGCTATCAAGGGGGCTGGTACTGATGAGGCCGCCTGATTGAGATCTTCGCTTCCAGAAGTAACGAAC
 ACATCCGGGAGCTAAGCAGGGCCTACAAAACAGAGTTCAAAAAACTCTGGAGGAGGCCATTGGAAGCGA
 CACATCAGGACACTTCCAGCGGCTCCTCATCTCTCTCTCAGGGAAACCGTATGAGAGCACAAATGTG
 GACATGTCCCTTGTCAGAGAGATGTCCAGGAGCTGTATGCAGCTGGGGAGAACCCTGGGAACAGACG
 AGTCCAAGTTCAACGCCATCCTGTGCTCCCGGAGCCGGGCCACCTGGTGGCAGTTTTTCAACGAGTATCA
 GAGGATGACGGGCCGAGACATTGAGAAGAGCATCTGCCGGGAGATGCTGGGGACTGGAGCAGGGCATG
 CTGGCTGTGGTAAATGCCTCAAGAACACCCCGCCTTCTTTGCTGAAAGGCTCAACAAGGCTATGAGGG
 GAGCAGGAACAAAGACCGGACCCTGATTGCATCATGGTGTCTCGCAGCGAGCTTGACCTGCTGGATAT
 CCGAGCAGAGTATAAGCGGATGTACGGCAAGTCACTGTACCACGATATACGGGAGATACTTCTGGAGAC
 TATCGAAAGATTCTACTGAAGATCTGTGGTGGCAACGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG225524 representing NM_013469
 Red=Cloning site Green=Tags(s)

MSYPGYPPPAGGYPPAAPGGGPWGGAGYPPPSMPPIGLDNVANYAGQFNQDYLSGMAANMSGTFGGANVP
 NLYPGAPGGGYPPVPPGGFGQPPPAQQPVPPYGYPPPGNPPPGMPSYPAYPGAPVPGQPMPTGQPP
 GAYPGQPPMTYPGQSPMPPGQPVPSYPGYSGSSTITPAVPPAQFNGRGTITAASGFDPLRDAEVLKKA
 MKGFGTDEQAIIDCLGSRSNKQRQIILLSFKTA YGKDLIKDLKSEL SGNFEKTI LALMKTPVLFVYVEIK
 EAIKGAGTDEACLI EIFASRSNEHIRELSRAYKTEFQKLEEAIRS DTSGHFQRL L ILSQGNRDESTNV
 DMSLVQRDVQELYAAGENRLGTDESKFNAILCSRSRAHLVAVFNEYQRMTGRDIEKSICREMSGDLEQGM
 LAVVKCLKNTPAFFAERLNKAMRGAGTKDRTLIRIMVSRSELDLLDIRAEYKRMYGKSLYHDITGDTSGD
 YRKILLKICGGND

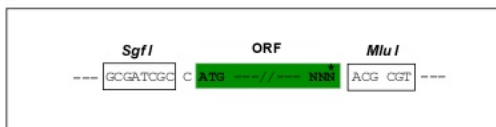
TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Cloning sites used for ORF Shutting:

EcoRI *BamHI* *KpnI* RBS Kozac Consensus *SgfI* *AscI*

CTATAGGGCGGCCGGGAATTCGTCGACTCGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGGCGGCCAGATCT

HindIII *NheI* *RsrII* *MluI* *NotI* *XhoI* GFP Tag

CAAGCTTAAGCTAGCTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG ATG GAG AGC GAC --- --- ---

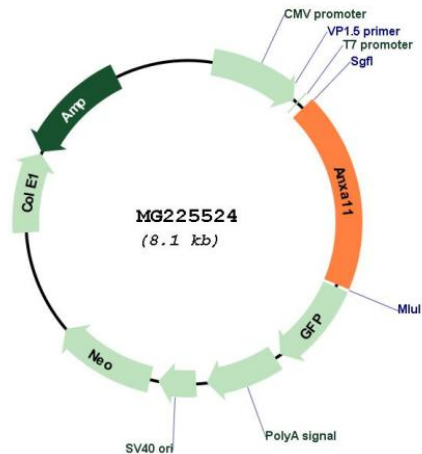
 T R T R P L E M E S D - - -

PmeI *FseI*

--- --- GAA GAA AGA GTT TAA ACGGCCGGCCGCGGAGCT

- - - E E R V Stop

Plasmid Map:



ACCN: NM_013469
 ORF Size: 1509 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.

RefSeq: [NM_013469.2](#), [NP_038497.2](#)

RefSeq Size: 2413 bp

RefSeq ORF: 1512 bp

Locus ID: 11744

Cytogenetics: 14 15.06 cM