

Product datasheet for **MC220312**

Anxa6 (NM_013472) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa6 (NM_013472) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anxa6
Synonyms:	Anx6; AnxVI; AW107198; Cabm; Camb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220312 representing NM_013472
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCAAAATAGCACAGGGTGCCATGTACCGAGGCTCTGTCCACGACTCCCAGAGTTTGACGCCAAATC
 AGGATGCTGAGGCCTTGTACACAGCCATGAAGGGCTTCGGCAGTGACAAGGAGTCCATACTGGAGCTGAT
 CACCTCCCGCAGCAACAAGCAGAGGCAGGAGATCTGCCAGAATCAAGTCCCTGTATGGCAAGGACCTC
 ATCGAAGACTTGAAGTATGAGTTGACGGGAAGTTCGAGCGGCTGATAGTGAACCTGATGAGGCCACTTG
 CCTATTGTGACGCCAAAGAGATTAAGACGCCATCTCGGGCGTTGGCACAGATGAGAAGTGCCTTATTGA
 AATTTTGGCTTCCCGACCAATGAGCAGATGCACCAGTGGTGGCCGCATACAAAGACGCCTATGAGCGA
 GACCTGGAATCTGACATCATTGGAGACTTCCGGCCACTCCAGAAGATGCTGGTGGTACTGCTCCAGG
 GAACCCGGGAGAATGACGATGTTGTGAGCGAGGATTTGGTCCAGCAGGATGTCCAGGACCTGTATGAGGC
 AGGGAACTGAAATGGGGAACAGATGAGGCCAGTTCATCTACATCTTGGGAAACCGCAGCAAACAGCAC
 CTACGACTGGTGTGGTATCTGAAGACCACAGGGAAGCCATCGAAGCCAGTATCAGAGGGGAGC
 TGCTGGAGACTTGGAGAAGCTGATGTTGGCCGTGGTGAAGTGCATCCGAAGCACCCCGGAGTATTTTGC
 GAAAGGCTGTTCAAAGCCATGAAGGGCTAGGGACCCGAGACAACACTCTGATCCGCATCATGGTCTCC
 AGGAGCGAGCTGGATATGCTTGACATCCGGGAGATCTTCCGGACCAAGTATGAGAAGTCACTCTACAGCA
 TGATCAAGAAATGATACTCCGGTGAATACAAGAAGGCTCTGCTGAAGCTGTGTGGAGGAGATGATGATGC
 CGCTGGCCAGTCTTCCCGGAGGCAGCACAGGTGGCCTATCAGATGTGGGAAGTGTGAGTGTCCCGA
 GTCGAGCTGAAGGACTGTGTGTGCAGCAATGATTTCAACCTGACGCTGATGCCAAGGCCCTGCGGA
 AAGCCATGAAGGGAATTGGAAGTGAAGCCACCATCATCGACATCGTCAACCCAGGAGCAACGCCCA
 GCGGCAGCAGATCCGGCAGACCTTCAAATCTCACTTTGGCCGGGATTTAATGGCTGACCTGAAGTCAGAG
 ATCTCGGGAGACCTGGCAAGGCTGATTCTGGGGCTCATGATGCCACCTGCCATTACGATGCTAAGCAGC
 TGAAGAAAGCTATGGAGGGAGCCGGCACAGATGAAAAGACTCTCATAGAAATCCTGGCCACCCGGACCAA
 TGCTGAAATCCGGGCCATCAACGAGGCCTACAAGGAGGATTATCACAAAGTCCCTGGAGGATGCCTTGAGC
 TCAGACACATCTGGCCACTTCAGAAGGATTCTCATTTCTGACCACAGGAAATCGAGAGGAAGGAGGAG
 AAAACCGGACCAGGCCAGGAAGTGCCAGGTGGCTGCTGAGATCTTGGAAATAGCAGACACCCCCAG
 CGGAGACAAAACCTTCTTGGAGACACGCTTCATGACCGTCTGTGCACCCGTAGCTATCCCACCTGCGC
 AGAGTCTTCCAGGAGTTCATCAAGAAGACCAACTATGACATAGAGCATGTATCAAGAAGGAGATGTCTG
 GGGATGTCAAGGACGCATTTGTGGCCATCGTTCAGAGTGTCAAGAACAAGCCTCTCTTCTTGTGATAA
 ACTGTACAAGTCCATGAAGGGTGTGGCACAGATGAGAAGACCCTCACAGGGTGTGGTGTCTCGGAGT
 GAGATAGATCTGCTCAACATCCGGAGGGAATTCATTGAGAAATATGACAAGTCTTACACCAAGCCATTG
 AGGGTGACACCTCTGGAGACTTCATGAAGGCTTTGCTTGTCTGTGTGGCGGAGAGGACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013472
Insert Size: 2022 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:

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_013472.4](#), [NP_038500.2](#)

RefSeq Size: 2661 bp

RefSeq ORF: 2022 bp

Locus ID: 11749

UniProt ID: [P14824](#)

Cytogenetics: 11 32.13 cM

Gene Summary: May associate with CD21. May regulate the release of Ca(2+) from intracellular stores. [UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a).