

Product datasheet for **MR216256**

Anxa3 (NM_013470) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa3 (NM_013470) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Anxa3
Synonyms:	Anx3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR216256 representing NM_013470 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCTATCTGGTTGGACCTCGAGGAACCATAAAAGATTATCCAGGCTTTAGCCCGTCGGTGGATG
CCGAAGCTATCCGAAAGCGATCAGAGGACTTGGGACTGACGAGAAAACCCTCATCAACATTCTGACGGA
GCGGTGCAACGCGCAGCGACAGCTGATTGTCAAGCAGTACCAAGCAGCGTATGAACAGGAGCTGAAAGAT
GACTTGAAGGGTATCTCTCTGGCCACTTCGAGCACGTCATGGTGGCTCTTGTACTGCACCAGCCCTGT
TTGATGCGAAGCAACTGAAGAAATCCATGAAGGGAAGTGGCACAGATGAAGATGCCCTGATTGAAATCCT
AACCAACAGGTCAAGCAGGCAGATGAAGGAAATCTCGCAGGCCTATTATACAGTGTATAAGAAGAGCCTC
GGGATGACATTAGCTCTGAGACGCTCTGGAGACTTCCGAAAGCTCTGCTGACTCTGGCAGATGGTAGAA
GAGATGAAAGCCTCAAAGTGGATGAACATCTGGCCAAAAGGATGCTCAGATCCTCTATAATGCTGGTGA
GAACAAATGGGGCACAGACGAAGACAAATTCACCGAGGTCTTGTGTCTACGGAGCTTCCCGCAGCTGAAA
CTAACATTTGATGAGTACAGAAATATTAGCCAGAAGGACATTGAGGACAGCATTAAAGGAGAATTATCTG
GACATTTGAAGACCTGCTGCTGGCCATAGTTCATTGTGCGAGGAACACTCCAGCGTTTTTGGCAGAAAG
ACTTCATCAGGCTTTGAAGGGTCTGGAACAGATGAATCACTCTGAACAGAATAATGGTTCCAGATCA
GAGATTGATCTTTGGACATCAGACATGAGTTCAAGAAGCACTATGGCTACTCTATACTCGGCCATCC
AATCAGATACTTCTGGAGACTACAGAACCGTCTTGAAGATCTGTGGAGAAGATGAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216256 representing NM_013470
Red=Cloning site Green=Tags(s)

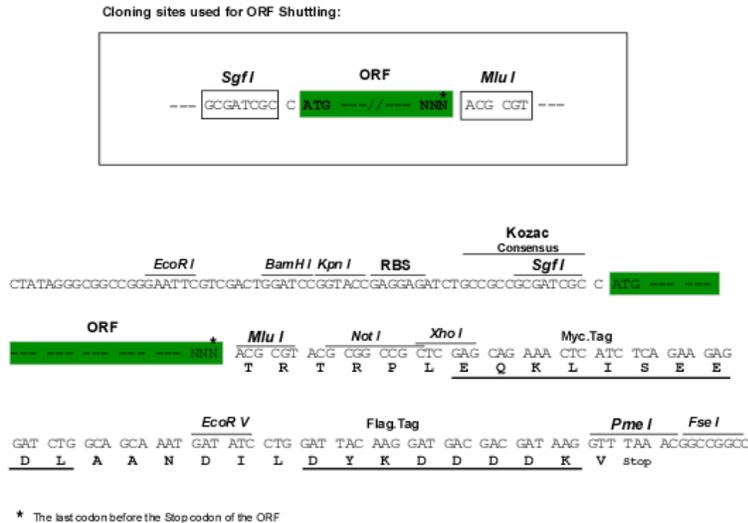
MASIWVGRGTIKDYPGFSPSVDAEAIKKAIRGLGTDEKTLINILTERSNAQRQLIVKQYQAAYEQELKD
 DLKGDLSGHFEHVMVALVTAPALFDAKQLKKSMTGTDEDALIEILTRSSRQMKIEISQAYTVYKKS
 L GDDISSETSGDFRKALLTLADGRRDESLKVDEHLAKKDAQILYNAGENKWTDEDKFTEVLCLRSFPQLK
 LTFDEYRNISQKDIEDSIKGLSGHFEDLLLAIVHCARNTPAFLAERLHQALKGAGTDEFTLNRIMVSRS
 EIDLLDIRHEFKKHYGSLYSIAIQSDTSGDYRTVLLKICGEDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9057_c02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_013470

ORF Size: 969 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_013470.2](#), [NP_038498.2](#)

RefSeq Size: 1619 bp

RefSeq ORF: 972 bp

Locus ID: 11745

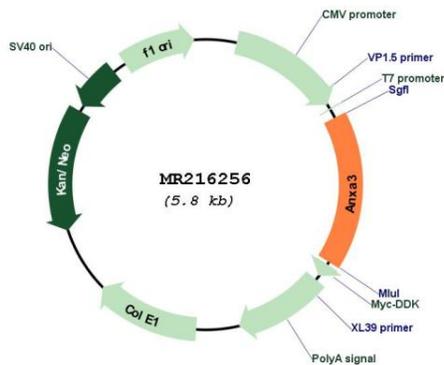
UniProt ID: [O35639](#)

Cytogenetics: 5 47.29 cM

MW: 36.4 kDa

Gene Summary: Inhibitor of phospholipase A2, also possesses anti-coagulant properties.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216256