

## Product datasheet for MR219063

### Anxa10 (NM\_011922) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa10 (NM_011922) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Anxa10
Synonyms:	MGC159022
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219063 representing NM_011922 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTTTGCGGGGAATATGTCCAAGGAACCATCTCCAGCTCCAAATTTCAATCCCATGATGGATGCC  
AAATGCTAGGCGGAGCACTCCAAGGATTTGACTGCAACAAAGACATGCTGATTGACATCCTAACACAACG  
CAGCAATGCACAGCGGCAGATGATAGCTGGGACCTATCAGAGCATGTATGGCCGGGACCTGATTTTCAGTT  
CTGAAGGAACAACCTTTCATCTCACTTCAAAGAAGTGATGGTGGGCTGATGTATCCTCCACCATCTTATG  
ATGCTCATGAGCTCTGGCATGCCATGAAGGGACCAGGAAGTATGAGAATTGCCTCATTGAAATATTAGC  
TTCAAGAACAATGGGGAGATTTCCAGATGCGAGAAGCCTACTGTTTACGTAAGGAAATACATAAATAT  
GCAAACAGGGAGGAAGGATACTCTGATCCTGCAATGGCTGCTCAGGATGCAATGGTGTGTGGGAAGCCT  
GCCAGCAGAAGACTGGGGAAACATAAAACCATGATGAGATGATCCTGTGCAACAAGAGCTACCCACAAC  
TTGGCTGGTTTTCCAGGAATTTCAAATATTTCTGGCCAAGACCTGGTGGATGCCATCAATGACTGTTAC  
GATGGTTATTTCCAGGAGCTGCTGGTTGCTATTGTTGTTGTATCCAGGACAAACCAAGCTATTTTGCTT  
ATAAATTATACAGGGCAATCCATGATTTGGCTTCCATAACAAAAGTGTATCAGGATTCTCATCGCCAG  
AAGTGAATAGACCTAATGACCATAAAGGAAACGTTACAAAAGAGAGATTTGGAAAAATCCCTTTTCATGAT  
ATCAAAAATTTGCTTCAGGGCACTATGAGAAAGCACTACTTGCCATCTGTGCTGGTGTGTTGGAAGACT  
AC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR219063 representing NM\_011922  
Red=Cloning site Green=Tags(s)

MFCGEYVQGTIFPAPNFNPMMDAQMLGGALQGFDCKNDMLIDILTQRSNAQRQMIAGTYQSMYGRDLISV  
 LKEQLSSHFKVEMVGLMYPPPSYDAHELWHAMKGPDTDENCLIEILASRTNGEIFQMREAYCLRKEIHKY  
 ANREEGYSDPAMAAQDAMVLWEACQKKTGEHKTMQMILCNKSYQLWL VFQEFQNISGQDLVDAINDCY  
 DGYFQELLVAIVRCIQDKPSYFAYKLYRAIHDFGFHNKTVIRIL IARSEIDLMTIRKRYKERFGKSLFHD  
 IKNFASGHYEKALLAICAGDVEDY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9038\\_a07.zip](https://cdn.origene.com/chromatograms/mm9038_a07.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_011922

**ORF Size:** 912 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\\_011922.3](#), [NP\\_036052.2](#)

**RefSeq Size:** 1226 bp

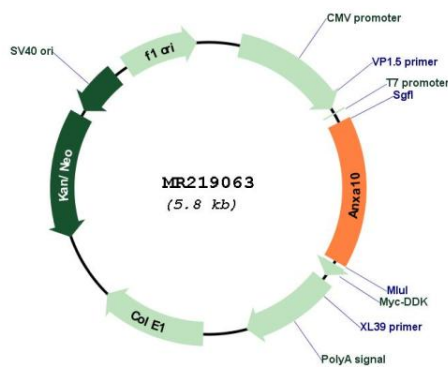
**RefSeq ORF:** 915 bp

**Locus ID:** 26359

**Cytogenetics:** 8 31.55 cM

**MW:** 35.5 kDa

**Product images:**



Circular map for MR219063