

Product datasheet for **MC216247**

Anxa7 (NM_009674) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa7 (NM_009674) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anxa7
Synonyms:	AI265384; AI316497; Anx7; synexin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216247 representing NM_009674
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCATACCCAGGCTATCCCCCACC GGCTACCCGCCTTCCCTGGATATCCTCCTGCAGGTCAGGAGT
 CATCTTTCCCACTGCGGGTCAGTACCCGTACCCTAGTGGCTTTCCACCAATGGGAGGAGGTGCTTACCC
 ACCAGCACCAAGTGGTGGGTATCCAGGAGCTGGAGGCTACCCCGCACCTGGAGGTTATCCAGCCCTGGG
 GGCTATCCTGGAGCCCTAAGTCCAGGGGTCTCCAGCCTATCCTGGAGGCCAAGGCTTTGGGGCCCCAC
 CCGGTGGAGCAGGCTTTCTGGCTATCCACAGCCACCTGCACAGTCTTATGGTGGCGGACCAGCCAGGT
 TCCAGTACCAGGTGGCTTCTGGAGGACAGATGCCATCTCAGTACCCTGGAGGACAAGCTCCCTACCT
 AGCCAGCCCGCTTCGATGACTCAGGGCACCAAGGAACAATCCTCCAGCCTCCAACCTTTGATGCTATGA
 GAGATGCAGAAATCTCCGCAAAGCAATGAAAGGGTTGGGACAGACGAGCAAGCAATTGGGATGTTGT
 GTCTAACCGTTCCAATGACCAGAGGCAACAATCAAAGCAGCTTTAAGACCATGTATGGCAAGGATTTA
 ATTAAGATCTCAAGTCAGAAATTGAGTGGGAATATGGAAGAATTAATCCTTGCGCTGTTCATGCCTTCTA
 CATACTATGATGCCTGGAGCTTACGGAAGGCAATGCAGGGAGCAGGAACCAAGAACGTGTATTGATAGA
 GATTTTGTGCACAAGAACAATCAAGAAATTCGAGACATTGTTAGATGTTACCAATTAGAATTTGGACGA
 GACCTTGAGAAGGACATTAGGTCAGATACCTCGGGACATTTTGAACGTCTCCTCGTGTCCATGTGCCAGG
 GAAACCGTGACGAGAGGCAGAGCGTGAACCACCAGATGGCCAGGAGGACGCTCAGCGTCTCTATCAGGC
 CGGGGAGGGGAGACTGGGAACGGATGAATCCTGTTTCAACATGATTCTCGCCACAAGGAGCTTCCCTCAG
 CTGAAGCCACTATGGAGGCTTATTCCAGGATGGCTAATCGCGATTTGCTAAGCAGTGAAGCCGAGAAT
 TTTCCGGATACGTTGAAAGTGGTTTGAAGACCATCTTGCAGTGGCCCTCAACCCGCTGCCTTCTTTC
 TGAACGACTCTACTATTCCATGAAAGGCGTGGCACGGACGACTCCACCCTGGTCAGGATTGTGGTCACT
 CGAAGTGAGATTGACCTTGTTCAGATAAAAACAGATGTTCAACCAGATGTATCAGAAGACCCTAAGCACAA
 TGATCGCAAGTGACACGAGTGGAGATTACAGGAAGCTGCTCCTGGCCATCGTTGGCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_009674

Insert Size: 1392 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_009674.3](#), [NP_033804.2](#)

RefSeq Size: 2965 bp

RefSeq ORF: 1392 bp

Locus ID: 11750

UniProt ID: [Q07076](#)

Cytogenetics: 14 11.53 cM

Gene Summary: Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) is the longer transcript. Both variants 1 and 2 encode the same protein.