

## Product datasheet for **MC216248**

### Anxa7 (NM\_001110794) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa7 (NM_001110794) 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:** >MC216248 representing NM\_001110794  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCATACCCAGGCTATCCCCCACC GGCTACCCGCCTTCCCTGGATATCCTCCTGCAGGTCAGGAGT  
 CATCTTTCCCACTGCGGGTCAGTACCCGTACCCTAGTGGCTTCCACCAATGGGAGGAGGTGCTTACCC  
 ACCAGCACCAAGTGGTGGGTATCCAGGAGCTGGAGGCTACCCCGACCTGGAGGTTATCCAGCCCTGGG  
 GGCTATCCTGGAGCCCTAAGTCCAGGGGTCTCCAGCCTATCCTGGAGGCCAAGGCTTTGGGGCCCCAC  
 CCGGTGGAGCAGGCTTTCTGGCTATCCACAGCCACCTGCACAGTCTTATGGTGGCGGACCAGCCAGGT  
 TCCAGTACCAGGTGGCTTCTGGAGGACAGATGCCATCTCAGTACCCTGGAGGACAAGCTCCCTACCT  
 AGCCAGCCGCTTCGATGACTCAGGGCACCAAGGAACAATCCTCCAGCCTCCAACCTTTGATGCTATGA  
 GAGATGCAGAAATCTCCGCAAAGCAATGAAAGGGTTGGGACAGACGAGCAAGCAATTGGGATGTTGT  
 GTCTAACCGTTCCAATGACCAGAGGCAACAATCAAAGCAGCTTTAAGACCATGTATGGCAAGGATTTA  
 ATTAAGATCTCAAGTCAGAAATGAGTGGGAATATGGAAGAATTAATCCTTGCGCTGTTCATGCCTTCTA  
 CATACTATGATGCCTGGAGCTTACGGAAGGCAATGCAGGGAGCAGGAACCAAGAACGTGTATTGATAGA  
 GATTTTGTGCACAAGAACAATCAAGAAATTCGAGACATTGTTAGATGTTACCAATTAGAATTTGGACGA  
 GACCTTGAGAAGGACATTAGGTCAGATACCTCGGGACATTTTGAACGTCTCCTCGTGTCCATGTGCCAGG  
 GAAACCGTGACGAGAGGCAGAGCGTGAACCACCAGATGGCCAGGAGGACGCTCAGCGTCTCTATCAGGC  
 CGGGGAGGGGAGACTGGGAACGGATGAATCCTGTTTCAACATGATTCTCGCCACAAGGAGCTTCCCTCAG  
 CTGAAGCCACTATGGAGGCTTATTCCAGGATGGCTAATCGCGATTTGCTAAGCAGTGAAGCCGAGAAT  
 TTTCCGGATACGTTGAAAGTGGTTTGAAGACCATCTTGCAGTGGCCCTCAACCCGCTGCCTTCTTTC  
 TGAACGACTCTACTATTCCATGAAAGGCGTGGCACGGACGACTCCACCCTGGTCAGGATTGTGGTCACT  
 CGAAGTGAGATTGACCTTGTTCAGATAAAAACAGATGTTCAACCAGATGTATCAGAAGACCCTAAGCACAA  
 TGATCGCAAGTGACACGAGTGGAGATTACAGGAAGCTGCTCCTGGCCATCGTTGGCCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001110794

**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\\_001110794.1](#), [NP\\_001104264.1](#)  
RefSeq Size: 2850 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 (2) has an alternate splice site which results in a shorter 5' UTR, as compared to variant 1. Both variants 1 and 2 encode the same protein.