

Product datasheet for **MC205472**

Anxa4 (NM_013471) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anxa4 (NM_013471) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anxa4
Synonyms:	AI265406; AIV; Anx4; AW106930; Xanx-4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC055871
 CCCACGCGTCCGCTAGAGCCTTTCTCCGCACCAGAGGAACCTTCTGCAGGTGTGACTGAACTCTGAACGTTG
 AGCTACAGCATGGAAGCCAAAGGAGGAACCGTGAAGCTGCTTCAGGATCAACGCAACTGAAGATGCC
 AGACCCTGAGGAAGGCCATGAAAGGCCTCGGTACTGATGAAGATGCCATTATCGGAATCTTAGCCTACAG
 AAACACCGCCAGCGCCAGGAGATCAGGAGTGCCTACAAGAGCACCATTGGCAGGGACCTGATTGAGGAC
 TTGAAGTCGGAGCTGAGCAGCAACTTTGAGCAGGTGATCCTGGGGCTGATGACACCCACAGTGTGTATG
 ACGTACAGGAGCTGCGGAGGGCCATGAAGGGAGCTGGCACGGACGAGGGCTGTCTGATTGAGATCCTGGC
 CTCTCGTACCCCTGAGGAGATCCGTCGAATCAACCAGACATACCAGCAGCAATATGGAAGGAGCCTTGAA
 GAGGACATCTGCTCTGACACATCCTTCATGTTCCAGCGAGTACTGGTGTCCCTGTGCGGCGCTGGCAGGG
 ATGAAGGAAAATTACCTTGATGATGCTCTTATGAAGCAGGACGCCAGGAAGTGTATGAGGCTGGAGAGAA
 GAGATGGGGGACAGACGAGGTGAAATTCCTAAGCATTCTCTGTTCCCGGAACCGGAACCTCTGCTCCAC
 GTGTTTGATGAATACAAAAGAATCTCACAGAAGGACATTGAACAGAGCATTAAAGTCTGAGACATCTGGAA
 GCTTTGAAGATGCCCTGTTGGCTATAGTGAAGTGCATGCGGAGTAAACCTTCATATTTGCTGAGAGACT
 TTATAAATCCATGAAGGGCTTAGGCACTGATGACAACACCCTCATCAGAGTGTGGTCTCAAGAGCAGAG
 ATTGACATGCTGGACATCCGGGGGAGCTTCAAGAGGCTCTACGGGAAGTCTTTGACTCTTTCATCAAGG
 GTGACACTTCCGAGACTACAGGAAGGTTCTGCTCATTCTGTGGAGGAGATGATTAACACAAGACGCC
 GCAGGACAGAAGGCTTCTGAACACTGATCTTTTTTTTTTTAACTTCATTTTTCTGCACTGCTATTAACA
 TTATCTCAAATGCTTATTTCCAATTAACGCCTCCAGTTGCCTCCTGGGATGCAGACTATGTTATTATC
 GTCTATAATTAGTCATTTTATGCTCCTAAACTTGTACTTTCAAAGCTTTCAAGACATACATGGAAATTTA
 GAATTAGAAAATGAAATGTGCTCCACGCTTTTATCAGATTATTTCTCGTTTGTGTTTTGTAGAGTTGA
 ATGTAATAAATCCTCTTAGATTTTCTTTTCAAGTACAAATTTTACAGATCAGAAGCCATTTTCTTCCCTGG
 GAAGCCAGTCATTTCTTACGTGGGACTGTCAGCATCTTACTAAGATTAGCCATCTAGATTCTTATTT
 TAGACAGATCCAAGTTCTCACAAGCCCTTTCTTTGGCTCTGCCTAGCATCGTAGTTGACAGTTGCTG
 AGTATGGTGGGGCTTGGTTCATCTCCTTACCCTGAGACCATTTTCTCCCGGGAAGTGTATGAAACAG
 AGTTACCAACTCATCAAAACAAGTTCAATCTCAAGTGTGGCTCAGCAGATCCCGTGTGCTCAGTCGCCCT
 CGTGCTGAACATTCTCAGTCTTAGGGTCACTGCTCCTAATCTTGCTCAAAGTGACAGTCAAGAGTGGCT
 CAGCCAAGGTTGCTCTGATAATGCAATGCTCTGGGTGGGCTGACCTCAGAAGAGTTTTTCTGCTAAAAA
 TAATTAATCTCGTTAGACTGTTTATTTGATCCCACTGTGCCTTTTTAATCTTATTCAGAAAATGTGCTT
 GCATTTAATCATGAAGTTTGGTTGTATACAACATGAGACATTTTAATTAATAATGGTGGCTTTAAAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_013471

Insert Size: 960 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: [BC055871](#), [AAH55871](#)

RefSeq Size: 1971 bp

RefSeq ORF: 960 bp

Locus ID: 11746

UniProt ID: [P97429](#)

Cytogenetics: 6 37.75 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) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein.