

## Product datasheet for **MC217090**

### Ankrd34a (NM\_001024851) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd34a (NM_001024851) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd34a
Synonyms:	Ankrd34; AW060394
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217090 representing NM\_001024851  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCTGCACACCGAGGGCCAGCTCTTCTTCGAGCTGTGGACAGGGTAAGCTACGCTTGCCCGTTTGC  
TTCTGGAGGGAGGAGCCTACGTGAATGAGGGTGTGCCAGGGGAGACTGCGCTAATGGCGCCTGTAG  
GGCCCGTTACGACGACCCTCAGAACAAGCGCGCATGGTACGCTATCTTGGAGCAAGCGCGGATCCC  
AACATCGCAGACCGTTTAGGACGTACCGCGCTGATGCATGCTTGCGCCGGGGTGGGGGAGCCGAGTGG  
CCTCTCTGCTCCTTGCCACGGCGCAGACCCTTCAATTGAGATCACGCTGGCGCCTCGGCGCTTGCCA  
CGCCCTGGACCGAGGGGACCGCGAGACCCTTGCCACACTGCTGGACGCCTGCAAGCCAAGGGCACGGAG  
GTCATCATATAACGACGGATACCTCGCCCTCGGGCACCAAGAAGACCAGGCAGTATCTTAATCCCCAC  
CGTCCCCAGGGGTAGAGGACCCTGCACCCGCTCCTCCTAGTCCAGGGGTCTGCACATCGCCTTCAGAAGT  
CCAAGTGCAGACTGCAGGAGGAGGGCGCGGTTGTTATCCCTCGCGCCAGGAAGAAGAGGAGAAAAGA  
GACATTTTTGAATTTCTCTTCCCAAGCCCTGATGACCCTTCCCTTCCGAGCCTCTCCCAAGCCAC  
CTCGACATCCTCCAAAACCACTCAAAGGCTCAATTCCGAGCCCTGGGGCCTTGTGGCTCCTCCTCAACC  
GGTTCTCTCTGCAGAAGGGAGGCCCGTGGAGCGTCTGGTGTGAATCAATGGCTTGACCCTGACC  
GGGAGACCGCGTCTTCTCGCGTACAGCACCAGGCGGAGGACCCGCCCATGGGCGGAGAAAAG  
TGACGGGTGGGGTCTCTCTCGCGCCGAAACTGCGCCGAGGCTCAGGAGTCTGGTCTTCTCAGG  
GCTAAGGCAAAAAGTACGCGCATGGAGCCGGTGGAGTGCACACCCCTGGACATTTTGGCCTGACTCC  
CCCAGTCCAGCCGTTATCCCTGGAGCGCCGGGATACAGCGCCTCTCCGCTGACCCTCCCTCCAGCGG  
GCTCAGTTTCTCCACGCCAGTCCCAGGAAAGTCTGCCGGGGTGTATCCCCGCTGAGCGGAGGGAG  
GCGGAGTCCAGGGCTGCTAGAGAGAAGGGCTCCGGGACCTTGCTCCTGGACCACATCTCGCAAACACGA  
CCAGTTTTCTGCCTCCTCAACGTGAGTCCCCACCCTCCCATCCCGACATTGTCCTCCCAACCCGGAG  
GTCGGGACCCCTCACTGCCTGCCCTCCACCCTCTGGGACACAGGGTCTCCAGGACCAAGCGCAAGTT  
GGTGAGACGCCACTCCATGCAGACTGAGCAGATTCGCCTGCTAGGGGGTTTCAGAGTCTAGGTGGCCT  
GGGAACCCGGGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001024851

**Insert Size:** 1488 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\\_001024851.3](#), [NP\\_001020022.2](#)

**RefSeq Size:** 2586 bp

**RefSeq ORF:** 1488 bp

**Locus ID:** 545554

**Cytogenetics:** 3 F2.1