

## Product datasheet for **RN216955**

### Ankrd55 (NM\_001270039) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd55 (NM_001270039) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd55
Synonyms:	RGD1307735
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216955 representing NM\_001270039  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTGTATCAGGCAGCATCGAATGGAGATGTCAACTCTCTGACTGCCGTGATCCGGGAGGATCCGTCCA  
 TCCTAGAATGTTGTGACAGTGAAGGATGTACGCCCTTGATGCATGCAGTTTCGGGACGTCAAGTGGACAC  
 AGTGAAGCTGCTGCTAAAGATGGGCGCCAACTTAATACACAGGATGCATACGGTCGCACCAAGTTTATGC  
 CTGGCAACCTACCTGGGCTGGCTTGAAGGCTGTGTGAGTCTGCTCAGAAATGGTGCCAAGCACAACATCC  
 CAGATAAAAAATGGCCGCTGCCACTGCACGCTGCCACTGCTGAACCTGATGTGAGGCTTCTCATCGTCTCT  
 GCTGCAGCAGTCTAGCCTCAGTGAGATCAACCATCAGGACACAGAGGGAATGACACCACTTCATTGGGCA  
 GCTTTTACAACCGGCCCAACATACCCAGATGCTGTTGAAGAAGGGGGCAGACCCACCCTTGTGGACA  
 AGGACTTTAAACAGCTCTCCACTGGGCTGTCCAGAGCGGAAATCGAATTCTGTGCTCCATATTCTGAG  
 CCATCGTCAGGGCCATCCATTATCAACTACGACGACGAGAGTGGGAAGACGTGTGTCCATATCGCAGCT  
 GCTTCCGGTTTCGGCGACATCATTACAGATCTGGCCAAGGTCCCCGAGTGTAACTGCAGGCTCTGGATG  
 TGGATGACAGGACACCCCTGCACTGGGCTGCAGCTGTGGAAAGGCAGAATGCGTCCAGTCACTGTGGA  
 CTTGGGCATGGACAGCAACCTGAGGGACATTAATGAGAGCACGCCCTGGCCTACGCCTGTACTGTGGT  
 CACACAGCCTGCGTCAGGCTCCTTTCCCGAGAGGGCCGAGCAGAGCCTGTAGGTCTCTCCCTCTCAGA  
 ACAGTCAACCCCAAAAGAAGGAAGGACGATTACAGCGTGTCAACCAAATCTTCTGCAAAAACAAGAAAGA  
 GGAGCAGAAAGCCATCAGAAGGAGCAGAGCAGGGCCAGACCTAAGGAGGAGGACACCTCGGAAGTCAAT  
 GACATCATCGCCACCTTTGACAGCGTCGTGGATACCAACTGCCAAGATCAGCCTGGTGACCAGGTGGACA  
 TGGTTGTCTTTAAGAAGAGGACCTCAGAGAATTCAAAGTATCTCTTGCCAGAAAAGAAATCCCTGGCCCG  
 GAAGGGGCTTCCACCAATCAGAACACAGAGTCTCCACCCATCACCTGGGCAGTAACTTCTGACAGCC  
 TCCCATGGAGCCACGTCCACGCTGGTCTGAACTCTGGTCTTCAGCATACTGCCAGCGTCTCAGAAAA  
 GCCGAAGCGAACAGGACCTGTTGAATAATAGGACTGGCTGCCAGGTGTCCTAGATAATCCCTGGAAGGG  
 TGACACTAGGCAGGATCTCTCTGCAAGGCTTGGACTGTGTCTTCTCTGATAAGTTACTAGACAGGATG  
 TTCCTGGCCAGCCTGGTACCAGGAGCTGTCTGGGCCACCACATCTTCTCATCTACCTAATCCCTCAC  
 CAGGGCAAGGTCTACAGCATCTCTCCCAACAGACCTAAAGTCAGAGACTTCCCTTTACTCGGAACAG  
 CCTGGCACCTCTGCCGACCAAAAATTTCTATCTGGAGAACCCTGAGAACGAACCGGGTCTTCCAGCG  
 ATTCCAAGCCAGAGGGGACATGACCCACCAGCTGAAGAGAGCGAGTGGTCTCCAGTCCCACCCATGATG  
 AAACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001270039
- Insert Size:** 1758 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001270039.1](#), [NP\\_001256968.1](#)

**RefSeq Size:** 2977 bp

**RefSeq ORF:** 1758 bp

**Locus ID:** 361898

**Cytogenetics:** 2q14