

Product datasheet for **RN215508**

Ankrd34a (NM_001024980) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd34a (NM_001024980) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd34a
Synonyms:	Ankrd34; RGD1308412
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215508 representing NM_001024980
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCTGCACACCGAGGGCCACGCTCTTCTCGGGCTGTGGACAGGGTAAGCTACGCTTGCCCGTTTGC
 TTCTGGAGGGAGGAGCCTACGTGAATGAGGGTGATGCCAGGGGAGACTGCGCTAATGGCGCCTGTAG
 GGCCCGTTACGACGACCCTCAGAACAAGCGCGAATGGTACGCTATCTCTTGAGCAAGCGCGGATCCC
 AACATCGCAGACCGTTTAGGACGCACCGCGCTCATGCTGCTTGC CGCGGGGTGGGGAGCCGAGTAG
 CCTCTCTGCTCCTTGCCACGGCGCAGACCCCTCAGTCCGAGATCAGCTGGCGCCTCGGCGCTTGCCA
 CGCCCTGGACCGGGGACCGGAGACCCTGCCACACTGCTGGACGCCTGCAAGCCAAGGGCAGGAG
 GTCATCATATAACACGGATACCTCGCCCTCGGGACCAAGAAGACCAGGCAGTATCTTAATCCCCAC
 CGTCCCCGGGGTAGAGGACCGTGCACCGCTCCTCCTAGTCCAGGGGTCTGCAGTGCCTTCAGAAGT
 CCAACTACAGACTGCAGGAGGAGACGCGGTTGTTATCCCTCGAGCCAGGAAGAAGAGAGAAAAGA
 GACGTCTTTGAATTTCTCTTCTTAAGTCCCTGATGACCTTCCCTTCCGAGCCTCTCCCAAGCCAC
 CTCGACATCCTCCAAAACCACTTAAAGGCTCAACTCCGAGCCCTGGGGCCTTGTTGGCTCCTCTCAACC
 GGTCCCTCCTGCGGAAGGGAGGCCGGGCTTGAGCGCTTGCCCGCTGAATTCATGGCTTGACCCTGACC
 GGTAGACCGCGTCTTCTCGGCGTCACAGCACTGAAGGCCGAGGACCCGCCCATGGCGGAGAAAG
 TGACGGGTGGGGTCTCTCTCGCGCGAAACACTGCGCCGAGGCTCAGGAGTCTGGTCTTCTTCAGG
 GCTAAGGCAAAACTGAGCCGCATGGAGTCTGTGGAGCTCGACACCCCTGGACATTTTGCCCTGACTCC
 CCCGAGTCCAGCGCTTATCCCTGGAGCGCCGGCGCTACAGCGCCTCTCCGCTGACCCCTCCCTCCAGCGG
 GCTCAGTTTCTCCCCACGCCAGTCCCAGGAAAGTCTGCCGGGGCTGTATCCCCGCTGAGCGGACGGAG
 GCGGAGTCCAGGGCTGCTAGAGCGGAGGGCTCCGGGACCTTGCTCCTGGACCACATCTCGCAAACACGA
 CCGGGTTTCTTGCTCCTCTCAACGTCACTCCCAACCCTCCTATCCAGATATTCGTCCCAACCCGGAG
 GTCGGGCACCCCTCACTGCCTGCCCTCCACACTCTGGGGACACAGGGTCTCCAGGACCAAGCGCAAGTT
 GGTGAGACGCCACTCCATGCAGACTGAGCAGATTCGCCTGCTAGGGGGTTCCAGAGTCTAGCGGGCCT
 GGGAACCGAGGGCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001024980

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_001024980.1](#), [NP_001020151.1](#)

RefSeq Size: 2887 bp

RefSeq ORF: 1488 bp

Locus ID: 295283

UniProt ID: [Q5BJT1](#)

Cytogenetics: 2q34