

Product datasheet for **RN216902**

Ankrd13c (NM_001191570) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd13c (NM_001191570) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd13c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216902 representing NM_001191570
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGTGCGAGGCTCGCGGCCGCGCTCTAATCGCCCGCGTATGACCGGGGAGAAGATCCGCTCCC
 TCGGAGGGACCACAAACCCAGCAAAGAGGACGGGGACGTGCTGGAGCCCTGCGAGGAGGAGCGACGGC
 CGCGCTCGGCGGCGCCTTCACCGGGGCGAGAAGCGGAGCGGGCGGCGAGCGGCAAGGGCGGCAAGGCCTGC
 CATAAGATCTTCAGCCACCACCACCGGCTGCAGCTGAAGCGCCCACTGCGCCCGGCCCGCGCTCCGG
 CCGCGCCGAGCACAACGAGTACTGCCACCTGCCCGGCTCCGGCTGCCTGGGAGTAACCGGTTGT
 GGTGGCTGACGGAGGAGCTGCCCTCGCTCTACCCGGTGCACGAGTGCCTCTTTAAGGGGAGCTGAGG
 AGACTGTCCTCGCTTATCCGCACGCACAATATCGGACAGAAAGATAATCACGAAACACACCTTTACATC
 TTGCTGTGATGTTAGGAAATAAAGAATGTGCACATTTACTGTTGGCTCACAATGCTCCAGTAAAGGTGAA
 AAATGCTCAGGGATGGAGCCCTCTGGCGAAGCCATCAGCTATGGAGACAGACAGATGATCACAGCTCTT
 CTAAGGAACTCAAGCAGCAATCTAGGGAGAGTGTGGAGAAAAACGACCTCGGTTGTTAAAGCCCTAA
 AAGAGTTAGTGACTTTTACCTAGAACTTCACTGGGATTTTCAAAGCTGGGTGCCTTTGCTTTCCCGAAT
 TCTGCCTTCTGATGCCTGTAATAATACAAGCAAGGTATCAATATCAGGCTTGACACAACCTCTATAGAC
 TTTACTGACATGAAGTGCCAACGAGGGGACCTGAGCTTCATCTTCAGTGGGGATGCTGCACCCTCTGAGT
 CTTTTGTAGTGTTAGACAATGAACAAAAGTTTATCAGCGAATACACCATGAGGAGTCAGAGATGGAAAC
 AGAAGAGGAAGTTGATATTTTATGAGCAGCGATATTTATCTGCACTTTATCAACCAATCAATTTCT
 TTCACAGTGCCCAAACTGGATGGCTTTTTCGGGAAGATAAACAGAAAGAGTAGGAACTTTTGGCAG
 ACTTTTATCTGGTGAATGGACTTGTCTAGAATCAAGGAAAAGAAGAGAGCACCTTAGCGAGGAGGACAT
 TCTGCGGAATAAGGCCATCATGGAGAGCCTGAGCAAAAGGTGGGAGCCTGACGGAGCAGAACTTTGAGCCG
 GTTAGAAGACAGTCCCTTACCCCTCCTCCTCAGAACACTATTACCTGGGAAGAATACATATCTGCTGAAA
 ATGGAAAGGCACCACACCTGGGCAGAGAACTGGTGTGCAAGAGAGCAAGAAGACATTTAAAGCCACTGT
 AGCCATGAGCCAGGAATTTCTCTGGGAATTGAGTCATTATTGAATGTTCTAGAAGTAATAGCACCTTC
 AAGCACTTTAACAAGCTTAGAGAATTTGTTCAAATGAAGCTTCTCCTGGCTTTCTGTAAATAGATA
 TACCCGTGTTTCCACGATCACAGCCACTGTGACTTTTCAGGAATTCGATGTGATGAGTTTATGGGTC
 CATCTTTGCCATCCTGAAGACTACAAGGAAGACCAAGTCGTTTCTGACCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191570

Insert Size: 1668 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_001191570.1, NP_001178499.1

RefSeq Size: 3855 bp

RefSeq ORF: 1668 bp

Locus ID: 685374

Cytogenetics: 2q45