

## Product datasheet for RN217441

### Ankrd27 (NM\_001271264) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Ankrd27 (NM\_001271264) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Ankrd27  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Fully Sequenced ORF: >RN217441 representing NM\_001271264  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGCTGTATGATGAAGATCTCCTGAGAAACCCTTTCTACCTGGCCCTTCAGAAGTGGCGCCCGACT  
TGTGCAGTAAGGTGGCCAGATCCATGGCATTGTCTAGTGCCTTGCAGAGGAAGCTTCCGAGCAACGT  
GCAGGCCCTCCTGCCAGTTCGAGTCCTATGTTTTGGTACCCATGGAAGGACACTTTCAGACCTTAGATGGA  
AAGGCTGTCTCATAGAAGGAAACAGGGTTAAGCTAGGAGCAGGCTTTGCTTGCCTTCTCTGTGCCCA  
TCCTCTTTGAAGAGACTTCTACAACGAAAAGGAAGAGAGTTCAGCATTCTCTGCATCGCTCATCCTTT  
GGAGAAGAGGGAGACATCAGAAGAACCCTCAGCACCCCTCAGATCCTTTCTCTGAAAACCATCAAAGAT  
GTGAGAGAATTTTTGGGAAGACTCAGAGAGATTCGACAAGCACATCGCGTCTTTCCACCGGACATTCC  
GAGAATGTGAAAGAAAGAGCCTCCGCCATCTCATAGACTCCGTAATGCTCTCTACACCAATGCCTCCA  
GCAGCTTCTCAGAGACTCTCACCTGAAGTTCTTGCCAAGCAGGAGGCCAGATGAACCTGATGAAGCAG  
GCAGTAGAGATGTATGCCATCATGATATTTACGACCTGATCTTCAAATACGTGGGGACCATGGAGGCGA  
GCGAGGATGCCGCTTTAACAAAATCACAAGAAGCCTTCAAGATCTCCAGCAGAAAGACATTGGCGTGAA  
ACCTGAGTTCAGCTTCAACATTCTCGGGCAAAGAGAGAGCTGGGACAGCTGAACAAGTGTACATCCCCA  
CAGCAGAAGCTGCTGTGTCTGCGGAAGGTGGTCCAGCTCATGACACAGTCTCCAGCCAGAGAGTGAATT  
TGGAGACCGTCTGTGCTGATGATCTTTCCGTCCTGTTATATCTGCTTGTGAAAACAGAGATCCCTAA  
CTGGATGGCGAATTTGAGTTACATCAAAAACCTCAGATTTAGCAGCTCGCCCAAAGATGAGCTAGGATAC  
TGCTGACCTCAGTCGAGGCTGCGATTGAATACATCCGGCAAGGAAGCCTCTCTGCACAGCCGCTGACG  
CTGAGGGATTTGGCGACAGACTCTTTCTCAAGCAACGGATGAACCTATTGTCCCAGATGTATCAACACC  
CATCGACTGCCTGTTAAGCACATCGCTTCTGGCAACCAAAAGGAAGTAGAAAGACTTCTGAGTCAAGAT  
GACCAAGACAAAGACGCCATGCAAAAGATGTGCCACCCGCTTTGCTCCTGTGAGGACTGTGAGAAGCTTG  
TCTCTGGAAGGCTGAATGATCCGTGGTGTCACTCCTTTCTCCAGAGATGACAGAGGTCAAACACCCCT  
CCATGGGCTGCTCTGTGGTCAGGCATCCCTCATTGACTTCTGGTCTCCAAAGGTGCCGTAGTGAAC  
GCCACAGACTATCATGGGTCTACTCCCTTACATCTGGCATGTGAGAAAGGCTTCCAAAGTGTGACGCTGC  
TGCTGCTACACTACAAGCCAACACTGAGGTGCAAGACAACAACGGCAACACCCCGCTGCACCTGGCCTG



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CACCTACGGGCAGGAGGATTGTGTGAAGGCCCTGGTCTACTATGATGTCCAGGCCTGCAGATTGGATATT  
 GGTAACGAGAAAGGAGACACAGCCCTGCACATTGCAGCTCGTGGGGTTACGAGGGCATCATAGAGACGC  
 TGCTGCAGAAATGGAGCCCAACAGCAATTCAGAACAGACTGAAGGAAACACCACTCAAGTGTGCACTGAA  
 CTCGAAGATTCTGTCTGCCATGGAAGCGTATCATCTATCCTCTGACAGGAGGCCAAAGCCTTCTGAGGTC  
 CCTGCACCGTCCCTACACGCTCTGCGGATTCCATCAGCCAGGGCTCCTTACCTCCAGCTTTTCTCGG  
 TATCGGTGAGCTTCAGGCCAGAAGAGGTCAAAAAGGACTACAGGGAGGTAGAAAAGCTTCTCAGAGCAGT  
 TGCCGATGGCGACCTAGAAATGGTGGATACCTTTTGGAGTGGACGGAGGACACCTAGACGATATGGAC  
 GAAGCCATCAGCACGGTGGATCTTGAATTCTGTACCCTTTGTGCCAGTGCCCAAGTGTGCTCCAGCCC  
 AGAAGAAACTGGCAAGGATCCCTGCCAATGGGCTCAGTGTGAATGTGACCAACCAGGACGGCTTCTCTCC  
 CCTGCATATGGCTGCCCTGCATGGCAGGACAGACCTTGTCCCCTCCTGTGAAGCATGGAGCCTACTCA  
 GGTGCCAGAAACACAAGCCAAGCTGTCCGCTCCACCTGGCCTGCCAACAGGGCCACTTTCAGGTGGCAA  
 AATGTCTCTTAGACTCCAATGCAAAACCTAATAAAAAGGGACCTCAGTGGGAACACGCCCTCATTGCGC  
 CTGCTCTGCCGGCCATCATGAAGTCGCTGCACTGTTGCTACAGCACGGGGCCGCATCAATGCTTGAAC  
 AACAAAGGCAACACGGCCCTGCACGAGGCCGTGATGGGAAGGCACGTCTTGGTGGTGAAGTCTTCTGT  
 TTTATGGCGCATCTGTTGACATCTGAACAAGAGGCAGTACACGGCGGTGGACTGTGCAGAGCAGGACTC  
 AAAGATAATGGAGTTGCTGCAAGTCGTCCAAGTTGCGTTGCTGCTTCTCCAACACCGTGTGCTGCTC  
 CAGGAGACAGAACACGAGGATTATGTGACTGTGGAGATCAGGAAAAAATGGAACCCCAAAATGTACAACC  
 TGCCAGAGGAACCTTTTCGGAGACAGTTTTGCCTCATTAAACCAGGGGGCGGTTCCAGGAGAGGACGAA  
 GTCATGGGAGACTATGGGAAGGGATAGAAGTGTACCAGATCTTACCGGAGGTCTCCAGGAGCCAGAGAAG  
 CAAAGAGTCACAGGAAGCAGAAATGATTTGTGACACCAGAGCAGGTGTGACAGCTCTGAGGAAGGAAACA  
 AGGGGCTCCCTGGGAGGCCTGTGCCGAGACAGGCTGTTCCAGGACACCGGCAATGGTCCGCAGACACAC  
 AGTCAATGACGCAGCCATACTTCAGTCCCAGAGGTGACTGGCCACCTGACCACCAAGAGGCTGGTGT  
 TCTCGGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001271264
- Insert Size:** 3162 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\\_001271264.1](#), [NP\\_001258193.1](#)

RefSeq Size: 4280 bp  
RefSeq ORF: 3162 bp  
Locus ID: 361555  
Cytogenetics: 1q21