

Product datasheet for RN217621

Ankrd50 (NM_001191606) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ankrd50 (NM_001191606) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Ankrd50
 Synonyms: RGD1311665
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN217621 representing NM_001191606
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTAATCCTTGGGAAGAGAAAGTCTGCAAATGGCCAGACGAGTCTCTGCAAGGGAAGCAGTTCT
 ACTGTCGGGAATGGGTTTTCCACAACTCAGCACTGCCTCCAGGAGAAATCAAGCCGCTGTTTCAGTGC
 AGCCAATGCACAGTCCCTGGTTCGGGATGCTGGGAATAATGCTAGTGCCTCTCTGGAAAGGAGCCTCC
 TGGGGCTGTGCTGGTTCGGAGGCTGGCAGTGGGAAGACAGCCCTGTGCACTGAGCTCCTGTGGCCCA
 GTTCCCCCGCCAGCCTGCAGAGAGTCTGCATCGGCAGGCTTTGGCTTCCACTTCTGCAAAGCCAGGA
 CTCGGACACACTGTGTGTCGGGGGTTTATCAGAGGTCTGGTAGCCAGATCTGCCAAAGCGGACTCCTC
 CAAGTTATGAGGACAAGCTAAGAGATCCAGCCGTCCAAAGTCTCCTAGAGCCGGAGAGTGTGAGAGGA
 ACCCAGCGGAAGCATTTAAAAGTGTGTGCTGCTCCACTCTTGGGGATGAAGCCACCCCGCAAAGCCT
 CTACCTGTTGGTTGACTCCGTGGATGAAGGCTGCAATGTGGTGAAGGGGAGCAGACGTCACCCAACCTC
 TCCGGACTGTGCAGAGCTCTTGGCTGGTCACCACGAGTCTTCCCCCATGGCTCCTGCTTCTGCTGT
 CTGCCCGAAGCAGAGCAGAGTGTCACTAAAATGTTTACTGGTTCCGGAAGATCAGTTGGATGACCT
 CCGGAAGCGTATATCGTCAAGGATGTACAGCAGTACATCCTCCACCGCCTGGATCAAGAGGAGGCACTC
 CGGCAGCATCTCACCAAGGAGACGGCTGAGACTCTGAACCAGCTGCACATCAAGAGCAGCGGGTGCTTCT
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 CAGCCCATTCTGAATGTGATCCTCGCTGCCTGCCGGCCCTGACCATGACAGAATTATACCATGCTGTGT
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 GGATGGGTTGGGCAGCACAAAATCCTGTTTACCACAGCTTTGCTGAGTGGCTCTTGGATGTGAAGCAC
 TGCACCCAGAAATACCTGTGTAACGCTGCAGAAGGACACAGGATGCTGGCCATGAGCTACACCTGCCAGG
 CCCGGAACCTGACCCACTGGAAGCACAAGAATTTGCCTTGCACTTGATTAATTCAAACTGCAGCTGGA
 GCCAGCCGAACCTGGCTCTGTGGATGATATGGAATGGTACCCAGTCAAAGACTCACTGTCCACCTTGATA
 CCCAAGGAGCAAGAGGTCTGCAGCTGCTGATCCGAGCTGGTGTCTCATGTCAACAGTGAGGATGATCGCA



CCTCCTGTATTGTCCGGCAAGCCCTCGAGAGAGAGGACTCAATTCGGACTTTACTGGATAGTGGAGCTTC
 TGTCATCAGTGTGATTCCAATGGGAGAACTCTGCTGGCCAATGCCGCATACAGTGGCAGTCTGGATGTT
 GTGAACCTGCTTGTCTCCAGGGGAGCCGATTTAGAAATCGAAGACACCCATGGACACACGCCACTTACTC
 TAGCTGCTAGACAAGGGCACACAAGGTGGTAACTGTCTAATTGGGTGTGGAGCCAATATTAATCATAC
 AGATCAGGACGGTTGGACAGCACTGAGGTCTGCTGCTTGGGGGGCCACACAGAAGTGGTGTCTGCTCTG
 CTTTACGCTGGCGTAAAGGTAGACTGTGCAGATGCGGACAGCCGGACTGCTCTGCGTGCAGCAGCCTGGG
 GTGGCCACGAGGACATCGTCTGAACCTGCTACAACATGGTGCAGAGGTCAACAAAGCCGACAATGAAGG
 GAGGACTGCACTCATAGCTGCAGCATATATGGGCCACAGAGAGATCGTAGAGCACCTGCTGGACCATGGT
 GCAGAGGTAACCATGAGGACGTGGATGGCAGAACAGCGCTCTCTGTGGCTGCGCTCTGTGTGCCGGCAA
 GCAAAGGGCATGCGTCACTCGTGAAGCTCTTATTGATCGAGGGGCTGAGGTAGATCACTGTGATAAGGA
 TGGCATGACCCCTGCTGGTGCCTACGAAGGTCACTGTGGATGTTGTAGACCTGCTTCTAGAAGGA
 GGAGCAGATGTTGATCACACCGATAACAATGGACGGACACCCCTTCTGGTGCAGCTTCCATGGGCATG
 CTTCCGTGGTCAACACACTTCTGTTCTGGGGCGCAGCCGTGGACAGCATTGACAGCGAAGGCAGGACAGT
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 AGCCACCGAGATGATGCTGGCTGGACACCTCTACACATGGCAGCTTTTGGGGTCAAGGTTAATATGTG
 AAGCTCTCATTGAACAAGGTGCTAGAACAATGAGATTGACAATGATGGGCGCATCCCCTCATTTTGGC
 CTCCCAAGAGGGCCATTATGATTGTGTCAGATTCTGCTGGAGAACAATCCAACATTGATCAGAGAGGC
 TATGACGGGAGAAATGCATTACGAGTTGCTGCCCTGGAAGGACACCGGGACATCGTGAATTACTCTTTA
 GCCATGGGGTGTGTAAGTACAAAGATGCCGATGGGCGGCCACACTTACATATTGGCCTTAGAAAA
 CCAGCTTACAATGGCCGAGTACTTTCTAGAAAAAGTGCACAAAGTGGAGGCCAGTGCAGAGGGGAAGG
 ACAGCGCTGCAGTCTCCTGCTGGCAGGGTCACTGGAGATGGTACGGTACTTATCGCCTGCCATGCCG
 ATGTCAATGCAGCAGACAATGAGAAGCGCTCAGCCTTGCAGTCTGCGGCCCTGGCAGGGCCATGCAAAGT
 GTCCAGCTTCTGATAGAGCATGGTGGCCTGGTGGACCACAGTGCACCAAGGAGCCACAGCCCTTGC
 ATCGCAGCCAGGAGGGACATGTAGACGTAGTGCAGTTTTGCTGGAGCACGGTGTGATCCCAATCATG
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 AGAAAAATACGGTCTTCCAGTCTGAATGGCTGCTCCCCTTCCCCTGTCCACACAATGGAGCAGAAGCCT
 CCACAGTCGACACCATCCAAGATGCAGTCTTTACCATCAGGTCCAACAGCTCTGGTGGTACAGGCGGAG
 GGGATCTGCAGCCTTCCCTCCGGGGCTTGGCCAAATGGGCCGGCTCATGCCTTCACTCTCCATCAGATC
 TCCAGACTCAACCGTGGATCGGCAAAAGTCTCTGTCCAACAATTCTGAAAAGCTCCAAAAACTCA
 TCTCTGAGAACAACGTCCTCCACAGCCACGGCTCAGACGGTGGCCATTGACAGTTTCCATAGCCTGTGCT
 TCACGGAGCAGATCCAACAGCACTCGCTGCCTCGCAGCAGGAGCAGGCAGTCTGTTGTGTCCTCCTT
 CACAACCCAGTCTTAGGACACAGCCATAATTCTCCAGTAGTGAGTTTGAATGGAGCCAGGTGAAACCA
 AGTCTGAAGTCAACAAAATCAAATAAAGGAGGCAAGTCAGAAAATCCAGCAAGTCTGGGTGAGTGGGA
 AGAAAGCTAAACAAAACAATTCCTCACAGCCAAAGGTTCTAGAATATGAAATGACTCAGTTTGACAAAAG
 AGGACCTGTTGCCAAGTCTGGGAGTAGCCCGCCTAAGCAGATGCCAGCTGAATCTCAGTGTAAAAATCATG
 GTCCCTTCACTCAGGACAGCAACCGTGGCCAGCCACAGTTTCTCATCCACCAGCAGGGCGGCGAGCAGA
 AGAGGAGGAATGGGATAATGACCAACCCCAATACCATCTGCAGAGCAACCAGGTGTTCTGGGCAGGGT
 CTCCGTCCTCGAACACTGCAGGAGCGAGGGCATCAGGAGGTGCTGGAGGGCTTCCCCCTCCGAGACA
 GAGCTGAACCTTAAACAAGCGCTGAAGTCCAGATTGAGGGCTCTGACCCAGCTTCAACTACAAGAAGG
 AAACGCCCTTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001191606
Insert Size: 4284 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:	<ol style="list-style-type: none">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:	<u>NM_001191606.1, NP_001178535.1</u>
RefSeq Size:	4831 bp
RefSeq ORF:	4284 bp
Locus ID:	294988
Cytogenetics:	2q25