

Product datasheet for **RN205494**

Ankrd6 (NM_001134969) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd6 (NM_001134969) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd6
Synonyms:	MGC188478
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205494 representing NM_001134969
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCAGCAGGATGCGGTGCGCCGCTTTTCAGAACGCCTGCTCATAGCTGCGTACAAAGGCCAAACAG
 AGAATGTGGTTTCAGCTCATCAACAAGGGTGCCAAGGTAGCGGTTACCAAGCATGGCCGGACCCCTTGCA
 CCTCGCTGCCAATAAGGGTCATCTTTCTGTGGTGCAGATTTTGCTGAAGGCTGGCTGTGACCTCGATGTA
 CAAGATGATGGGACCAGACAGCCTTGACCCGGCCACTGTGGTGGGCAACACTGAGATCCTCACAGCGC
 TTATCCGGGAGGGATGTGCCCTGGACAGACAGGACAAGGATGGGAATACGGCCCTGCATGAAGCCGCTG
 GCATGGATTGAGCCAGTCAGCCAAGCTGCTCGTTAAAGCCGGAGCCAACGTGCTTGCAGAAAACAAGGCA
 GGAACACGGCTCTGCACCTGGCTGCCAGAATAGTCACTCCCAGAGCACACGCGTCTCTCTGCTGGGCG
 GCTCCCGGCTGACCTCAAAAAAATGCAGGGGACACCTGCTTGCACGTGGCTGCGCGCTATAACCACTT
 GTCGGTTGTTAGACTCCTCCTCAGTGTCTTCTGCTCTGTTTCATGAAAAGAACCAGGCTGGAGACACGGCC
 CTCCATGTGGCCGCTGCCCTAAATCACAGAAGGTAGTTAAAAATCCTGCTGGAAGCCGGTCTGACACGA
 CCCTTGTGAACAATGCAGGGCAGACCCCACTGGAGACCCCGCTACCACGCAATCCCGAAGTTGCTCT
 GCTCCTACCAAGGCTCCCGAGATCTTGCCTTCAGTCGTGGCGAAGCCTGAGGAAAAGGAGGGAGAGG
 CTCAAGGAAGAGAGGAGGGCTCAGTCTGTGCCAGAGATGAGGTGGCCAGAGCAAGGGAAGCGTCTCAG
 CAGGAGACACCCAGCAGTGAACAAGCTGTACCCGAAAAGGAAGAAGCTAGGAGAGATTGCCACCAGC
 TTCCCAGGAGCCAAGAAAGGATGAAAGGAGGAGAAAGTCAAGGCCAGAGGTGTCAGCACTATCTGACCC
 ACCCCAGCAGCAGACCAACAACCTGGACACCAAAAAGAACTACATGGTCATCACCACCAAAAAAGAAGA
 GCAGACATCGATGCTGGTCCCCACCACCGCCCGGTTGAGGGCGTACCAGCTCTACACGCTGTACCG
 TGGCGAGGACGGGAAAGTGATGCAGGACCAATCAAAGGTTGTCGCTGTGAGCCTCTGATCAACAAGCTG
 GAGAACCAGCTGGAGGCGCTGTGGAGGAGTTAAGAGCTGAGCTGGGAACAGTGCAGGACAAAGTGAACA
 CAAAGCTGGGCCACATGGAGAGCAAGAGCCAGCACCAATGTGCGTTTTGGACAACTGATGGTGGAGCG
 GCTGTCAGCTGAGAGAACGGAATGTCTGAATCGCTGCAGCAGCATGCAGCTGCTGAGAAGCAGGAGGGA
 GAGAACGTCAGATGTCATTGGTGGATGAACTGAAATCCTGGTGTATGTTGAAGATCCAGAATCTGGAGT
 TGAGACTTTGGGAGAGTCTCGGACCTTAGAGCTAAATCCACACCATCTCCCTCGACTCCTCTCCAGC
 TGTAGACCAACCAGTGGTAGCTGCAGGGCCGGGAGCAGCTCCGACAGCTCCTCTCAGGTTGTGAGGCC
 AAGGACAAGGCACTCAATGCCACTGCTGTCCAGACACCAGCAGGAGCTGCTTCCCTCTGATTGCACAG
 GCTCCGGTTAAGGAAGGTCAAGGCCCGGCTGCTTCCAGACTGGGTGATCAGCAGACTGGGTCCTGTGT
 CAACCGAGGCACTCAAACCAAGAAGTCTGCGAGAGGTGGGAGACCAAGCATCGAGGCCAACACCGGACA
 GCCAGCAGCCAGTGGGAGCAGCCATCCGCGGCAAGCAGTGACGCCCGAGATGCCTCGCAAGCCCTGG
 AGCTAACCCAGTATTTTTTTGAGGCTGTTTCTGCTCAGATGGAAAAGTGGTACGAACGGAAAATTGAAGA
 AGCAGGAAGCCAGGCCAGTCAGAAAGCTCAGCAAGATGAGGCCACACTGAAGGAGCACATCAGGAGTCTA
 GAAGAGGAGGTTGCCAAGCTGCGCACAAAGATGCACAAG**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001134969
Insert Size: 2142 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:	<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_001134969.1, NP_001128441.1</u>
RefSeq Size:	4638 bp
RefSeq ORF:	2142 bp
Locus ID:	500430
Cytogenetics:	5q21