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Product datasheet for RN217457

Ankrd52 (NM_001191875) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ankrd52 (NM_001191875) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ankrd52
Synonyms:	RGD1307124
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>RN217457 representing NM_001191875
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGATCCTCAGCATCACGGACCAGCCGCCCCTGGTCCAGGCCATCTTTAGCCGAGATGTGGAGGAAG
TGCGTTCCCTCCTCTCGCAGAAGGAGAACATCAATGTACTGGACCAAGAGAGGCGAACCCCATTGCATGC
TGCTGCCTACGTAGGCGATGTCCCCATCCTCCAGTTGCTACTGATGTCAGGTGCTAATGTCAACGCTAAG
GACACACTGTGGCTGACCCCTCTTCATCGTGCCGCTGCCTCCCGAAACGAGAAGGTGCTGGGGCTGCTGC
TGGCACACTCCGCGGATGTGAATGCCCGGGACAAGCTGTGGCAGACACCACTGCATGTGGCTGCTGCCAA
CCGGGCCACCAAGTGTGCCGAGGCTCTGGCACCTCTGTTGAGCAGCCTCAATGTGGCTGACAGGAGCGGC
CGTAGCGCTCTGCACCACGCAGTACACAGTGGGCATCTTGAGACCGTGAACCTGCTCCTCAATAAGGGAG
CCAGCCTGAATGTCTGCGATAAAAAGGAGCGGCAACCACTGCACTGGGCTGCTTTTCTAGGGCATTTAGA
GGTCCTGAAACTGCTGGTAGCACGTGGAGCAGACCTCAGCTGTAAAGATCGGAAGGGCTACGGGCTGCTC
CACACAGCTGCAGCCAGCGGCCAGATCGAAGTGGTGAAGTACTTGCTTCGGATGGGGGCTGAGATTGATG
AGCCCAACGCTTTCGGAAACACAGCTTTGCACATCGCTTGCTACCTGGGCCAAGATGCTGTGGCTATCGA
ACTAGTGAATGCAGGAGCCAATGTCAACCAGCCAAATGACAAGGGTTTCACACCACTGCACGTGGCAGCT
GTCTCGACCAATGGCGCACTCTGTTTGGAGCTGTTAGTCAATAATGGGGCTGACGTCAACTACCAGAGTA
AAGAAGGGAAAAGTCCCCTGCACATGGCTGCCATCCATGGGCGGTTCACGCGTTCCCAGATCCTCATCCA
GAATGGTAGCGAGATTGATTGTGCTGACAAATTCGGGAACACGCCCCTACATGTGGCTGCTCGATACGGA
CACGAGCTTCTCATCAGCACTCTCATGACCAATGGCGCAGATACTGCCCGGCGCGGTATCCACGACATGT
TCCCCCTGCACTTAGCCGTTCTCTTTGGATTCTCTGACTGTTGCCGGAAGCTTCTTTCCTCAGGTCAGCT
GTACAGCATCGTGTCTTCACTCAGTAATGAGCATGTGCTTTCTGCTGGGTTTGACATCAACACACCTGAC
AGCCTTGGCCGCACCTGTCTTCATGCTGCTGCTTCTGGAGGGAATGTTGAGTGTCTTAATTTGCTGCTGA
GCAGTGGAGCTGACCTGAGGAGGAGAGACAAATTTGGAAGGACCCCACTGCACTATGCAGCTGCCAATGG
CAGCTACCAGTGTGCGGTGACACTGGTGACAGCCGGGGCAGGCGTCAATGAAGCCGACTGTAAGGGCTGC

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TCTCCCCTACACTATGCTGCTGCCTCTGACACCTACCGGAGAGCGGAACCCCACACTGCTTCCAGCCATG
ATGCAGAAGAGGATGAGCTACTGAAGGAATCCCGTAGGAAGGAGGCCTTCTTCTGTCTGGAGTTCTTATT
GGATAATGGTGCAGACCCCTCCCTGCGGGACAGGCAGGGCTACACAGCTGTGCACTATGCAGCCGCCTAC
GGCAACAGACAGAACCTCGAACTGCTCTTAGAAATGTCCTTTAACTGCCTGGAGGATGTGGAGAGTACAG
TTCCCGTCAGCCCTTTGCACTTAGCTGCCTACAACGGTCACTGTGAAGCCCTGAAGACACTGGCTGAAAC
GCTGGTGAACCTGGATGTAAGGGACCACAAGGGCCGGACTGCACTCTTCCTGGCCACTGAGCGAGGCTCC
ACTGAGTGTGTGGAGGTACTGACGGCCCATGGTGCCTCTGCCCTCATCAAGGAGCGTAAACGCAAGTGGA
CACCCTTACATGCTGCTGCTGCCTCTGGCCACACCGATTCCCTGCACTTGCTGATTGACAGTGGGGAGCG
CGCTGATATCACAGATGTCATGGATGCCTATGGACAAACCCCGCTGATGCTGGCCATTATGAATGGTCAT
GTGGACTGTGTACATCTGCTGCTAGAGAAAGGATCCACGGCTGATGCTGCTGACCTCCGGGGCCGCACTG
CCCTCCACCGTGGGGCAGTGACTGGCTGTGAGGACTGCCTGGCTGCACTGCTGGATCACGATGCATTTGT
ACTGTGCCGAGACTTTAAGGGCCGCACACCCATTCACCTGGCCTCAGCCTGCGGCCATACTGCAGTGCTG
CGGACTCTGCTGCAGGCTGCCCTTTCCACAGACCCCCTGGATGCCGGTGTCGACTACAGCGGATACTCGC
CCATGCATTGGGCCTCCTACACTGGACATGAAGATTGTCTGGAGTTGTTACTTGAACACAGCCCGTTCTC
ATACTTGGAGGGAAACCCCTTCACTCCTTTGCACTGTGCAGTAATTAATAACCAAGACAGCACCACAGAG
ATGCTGCTGGGGGCTCTGGGTGCCAAGGTTGTGAACAGCCGGGACGCCAAAGGACGGACCCCCCTTCATG
CCGCTGCCTTTGCGGACAATGTCTCTGGACTCCGGATGCTGTTGCAGCATCAAGCTGAAGTGAATGCCAC
TGACCACACTGGCCGCACTGCGCTCATGACGGCCGCTGAGAACGGACAGACTGCTGCTGTGGAATTTCTG
CTGTACCGAGGGAAGGCAGACCTGACTGTGCTGGATGAGAACAAGAACACTGCCCTTCACTTGGCTTGCA
GCAAGGGCCATGAGAAATGTGCCCTCATGATCCTGGCGGAAACCCAAGACCTTGGCCTTATCAATGCTAC
CAACAGTGCGCTGCAGATGCCGCTCCACATTGCTGCCCGGAATGGTCTGGCTTCTGTGGTGCAGGCCCTG
CTGAGTCGTGGGGCCACAGTGCTGGCTGTGGATGAAGAAGGTCACACTCCAGCACTGGCCTGCGCTCCCA
ACAAAGATGTGGCAGACTGCCTGGCCTTGATCCTCTCCACCATGAAGCCTTTCCCACCCAAGGACGCCGT
CAGTCCTTTCAGCTTCAGCCTGCTCAAGAACTGCGGCATCGCAGCCGCCAAGACGGTGGGTGGCTGTGGC
GCCCTGCCTCACGGGGCCTCCTGTCCCTACAGCCAGGAGCGGCATGGTGCCATTGGGTTAGATGGCTGCT
ACTCAGAGTAG

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001191875

Insert Size: 3231 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_001191875.1, NP_001178804.1

RefSeq Size: 3387 bp

RefSeq ORF: 3231 bp

Locus ID: 362811

Cytogenetics: 7q11